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Special Report: Giant-Screen Films of 2020-2021

The year 2020 will not be remembered fondly by many people, and certainly by few in the giant-screen business. As with most of rest of the economy, the GS world was hit hard by the global pandemic and the economic downturn it spawned, and most observers don't expect it to return to even a semblance of normality until sometime in 2022.

Only seven new GS films were released last year, but they were only on screen for a portion of the year, in a fraction of the world's GS theaters, all of which were limiting the number of seats they sold. Less than a month before the March lockdown began in North America, four titles logged a few shows each in a handful of theaters:

Dinosaurs of Antarctica	GSF	2/14/20
Into America's Wild	MFF	2/14/20
Sea Lions	K2	2/15/20
Ancient Caves	MFF	3/7/20

As some theaters tentatively reopened in the summer and fall, these films regained some of their screen time, along with some older titles, but with drastically reduced attendance. In the fall, K2 Studios' *Angkor: Lost Empire of Cambodia* appeared on a couple of screens, as did SK Films' *Antarctica*, and Imax Corporation's *Asteroid Hunters* opened in at least a dozen.

Because these seven films had such limited exposure in 2020, they are included in this year's special report, along with the thirteen films that are expected to open in 2021. As is always the case, but even more so during a global pandemic, it is possible that some of these films may be delayed to next year, or even later. It is also possible that other new films not listed here could be released before the end of 2021.

One that almost fell into this last category was announced only days before this issue was published: ***Apollo 11: Quarantine***, a 23-minute short by **Todd Douglas Miller**, gleaned from the same trove of never-before-seen NASA footage — some in 70mm — that was the basis for his 2019 feature ***Apollo 11***. (*See item on page 20.*)

As we have reported in our updates on the Coronavirus' effect on GS theaters, theaters in the Western Hemisphere (both institutional and multiplex) slowly began reopening over the summer of 2020, but in the late fall and early winter many closed again as Covid-19 cases spiked and a new variant was discovered in the United Kingdom. As of mid-January, only 89 (42%) of the world's 212 non-multiplex GS theaters were open.

As 2021 begins, GS producers and distributors still face a great deal of uncertainty about their release schedules, to say nothing of the prospects for royalties from their earlier films, all of which have seen their show counts slashed by the closures and capacity reductions. Although many are hopeful that increasing numbers of vaccinations will make people more willing to return to theaters, no one can predict how events will unfold, or when a tipping point toward normality might occur.

*(see **FILMS** on page 5)*

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Cosm Launches DomeX

Cosm, the new parent company of Evans & Sutherland, Spitz, and LiveLike VR, has launched itself as a new provider of "end-to-end solutions for immersive experiences" with the opening of an Experience Center at the Salt Lake City, UT, headquarters of E&S. The facility features the first DomeX installation, a 66-foot (20-meter) direct-view 8K LED dome, powered by the latest version of the Digistar rendering engine. Construction on the center was completed in late 2020.

The DomeX demo installation is a vertically oriented partial dome with a field of view of 180 degrees laterally and 112 degrees vertically, about 70% of a full hemisphere. The system will also be available in a full 180-by-180 hemisphere in tilted or flat orientation, and in other sizes. The resolution is 8,192 pixels across 180 degrees, with a pixel pitch of 3.8 mm, for a total image size of 29.5 million pixels. It is capable of 120 fps, and can display stereo 3D at 60 fps per eye with active glasses. The system meets the Rec. 709 color gamut standard and 92% of the wider DCI-P3 standard. (A version capable of the full DCI-P3 gamut will be available.) The dome's 7,970 LED modules are attached magnetically to the Spitz-designed framework and are perforated to allow passage of air and sound from the 30.4-channel surround sound system.

First announced by E&S in the spring of 2019, DomeX has the potential to revo-

*(see **COSM** on page 2)*

Premiering This Month

Apollo 11: Quarantine
Astronaut: Ocean to Orbit
The Search for Snow

See page 5.

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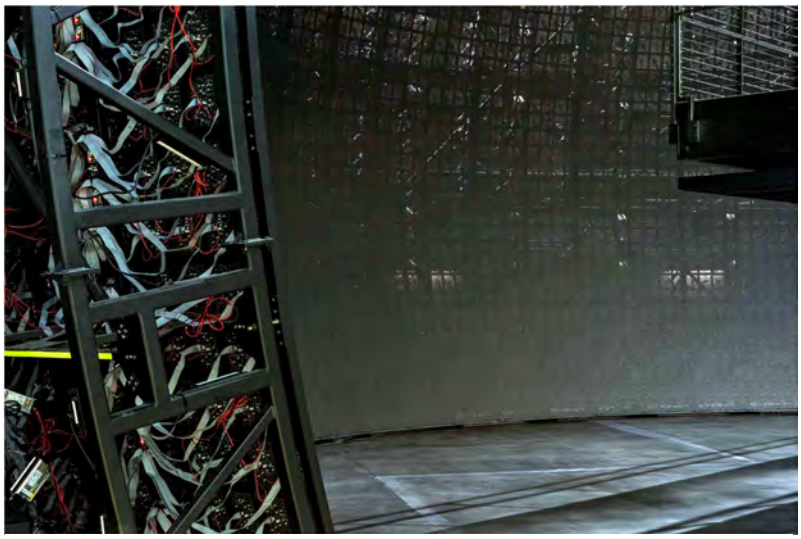
Cosm Launches DomeX LED Dome System



DomeX panels are perforated to allow sound and air to pass through.

Cosm (3)

*(from **COSM** on page 1)*

lutionize the immersive fulldome and GS experience by overcoming many of the disadvantages inherent in projecting images on a dome. These include low light levels and contrast, and projector placements that can make projection lenses visible to the audience and allow viewers to cast shadows on the dome. DomeX will provide brightness levels of at least 500 nits, the equivalent of 145 foot-Lamberts, which is more than 35 times brighter than some of the brightest dome systems (4 fL), ten times brighter than the official standard for flat-screen digital cinema projection (14 fL), seven times brighter than flat-screen IMAX laser projection (22 fL), and almost five times brighter than flat-screen Dolby Cinema (31 fL).

(In our first report on DomeX in the May 2019 issue, E&S CEO **Kirk Johnson** said that light output would be about 50 fL, but Cosm now says that "after additional engineering and testing, we have decided to utilize the full system capability that enables the system to achieve 150 fL.")

Conventional projection onto a white dome surface inevitably creates cross reflectance that dramatically reduces image contrast far below the projectors' nominal spec. Because LED panels have matte black surfaces, they will virtually eliminate cross reflectance. Furthermore, LEDs offer contrast that is characterized as "near infinite" because they emit no light at all when displaying black, whereas even the best projection systems emit a small amount of light at full black. LEDs thus provide an enormous range between the brightest whites and the darkest blacks.

The experience

LF Examiner has not yet seen DomeX in person, or spoken to any independent party who has, but **Robin Sip**, of the Netherlands' Mirage 3D, has been working with Cosm to provide content for the system. He tells us, "DomeX is as amazing as they tell you it is. The incremental quality step by using LEDs on a dome is so much more than using them on a flatscreen. Also, from a content creation point of view, you don't have to worry about white ceilings or light blue skies anymore. You don't have to worry about scenes being too dark. You only need to know that this dome is a magnifying glass to your work: you see everything, including all the artifacts and flaws in your content. So it requires better content and post production."

The new company

As we reported previously (*see The Biz, March 2020*), E&S and its subsidiary Spitz were acquired last year by **Elevate Entertainment**, an affiliate of Mirasol Capital, LLC, "the private equity and venture arm of the Winn Family Office with a primary focus on real estate and technology-related ventures." Shortly thereafter, the company quietly acquired LiveLike VR, "a global leader in live immersive sports and entertainment production and distribution, and streaming architecture." The new owner has used the intervening time to prepare its launch under the new name, Cosm.

Jeb Terry is president and CEO of Dallas, TX-based Cosm, the managing director of Mirasol, and a former NFL football player. His resume also includes co-founding and heading StraightCast Media, a sports video service that was acquired by Fox Sports in 2015. Terry continued at the network for another three years before joining Mirasol in 2019.

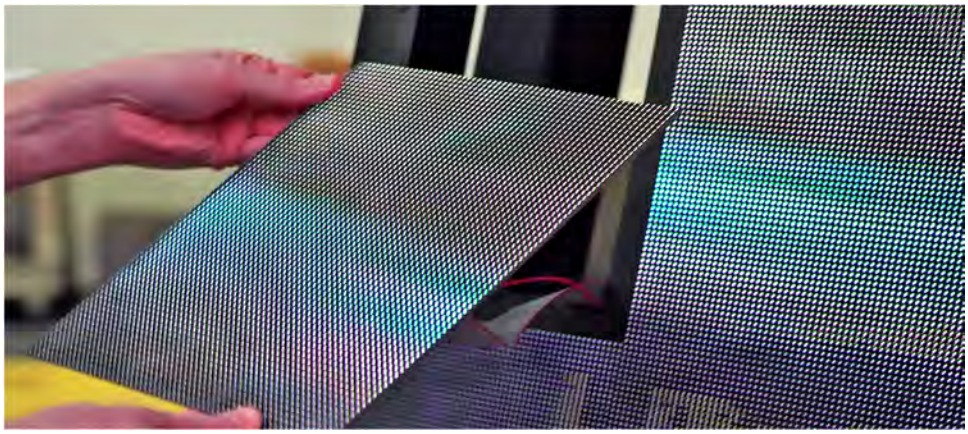
In an interview with *LFX*, Terry stressed that E&S and Spitz will continue to operate and innovate in their core markets of planetariums, fulldomes, and giant screens, and will support new and existing customers in those segments. But the primary goal behind Cosm's acquisition of the three companies is to expand their core technologies into new markets and applications.

Terry's sports background, the acquisition of LiveLike, and the hiring of six former Fox Sports executives all give a clear indication of one of those markets. Since its founding in 2015, LiveLike has been capturing and distributing live pro sports events, such as American football, soccer, and Formula 1 racing, in VR format for top international broadcasters like Fox Sports, Canal+, and Sky Sports.

Another market Terry said has potential for expansion is one that E&S and Spitz have served for many years: theme parks and attractions. DomeX and other VR technologies clearly have many possible uses in those settings.

With respect to bringing LiveLike into the mix, Terry believes that VR and dome systems are complementary: "The dome is the physical manifestation of the VR headset. Or vice versa."

Another of Cosm's goals will be to explore how Digistar, the real-time rendering engine that has powered E&S systems through seven generations over nearly three decades, might be used for more than planetarium shows. Terry mentioned other real-time rendering platforms such as Unity and Unreal Engine, which originated as video game creation tools and are now used by film and television producers to create virtual sets and provide real-time, on-set compositing for shows like Disney's *The Mandalorian*.



DomeX modules attach to the frame magnetically.

The gaming connection suggests another potential market for the new company: eSports, professional video game competitions that attract millions of viewers online or (pre-Covid) in person at large arenas. Over the past decade eSports have become a multibillion-dollar industry. (To be clear: Terry did not explicitly mention film production or eSports as markets Cosm might explore; these are inferences *LFX* has drawn from his comments.)

New corporate structure

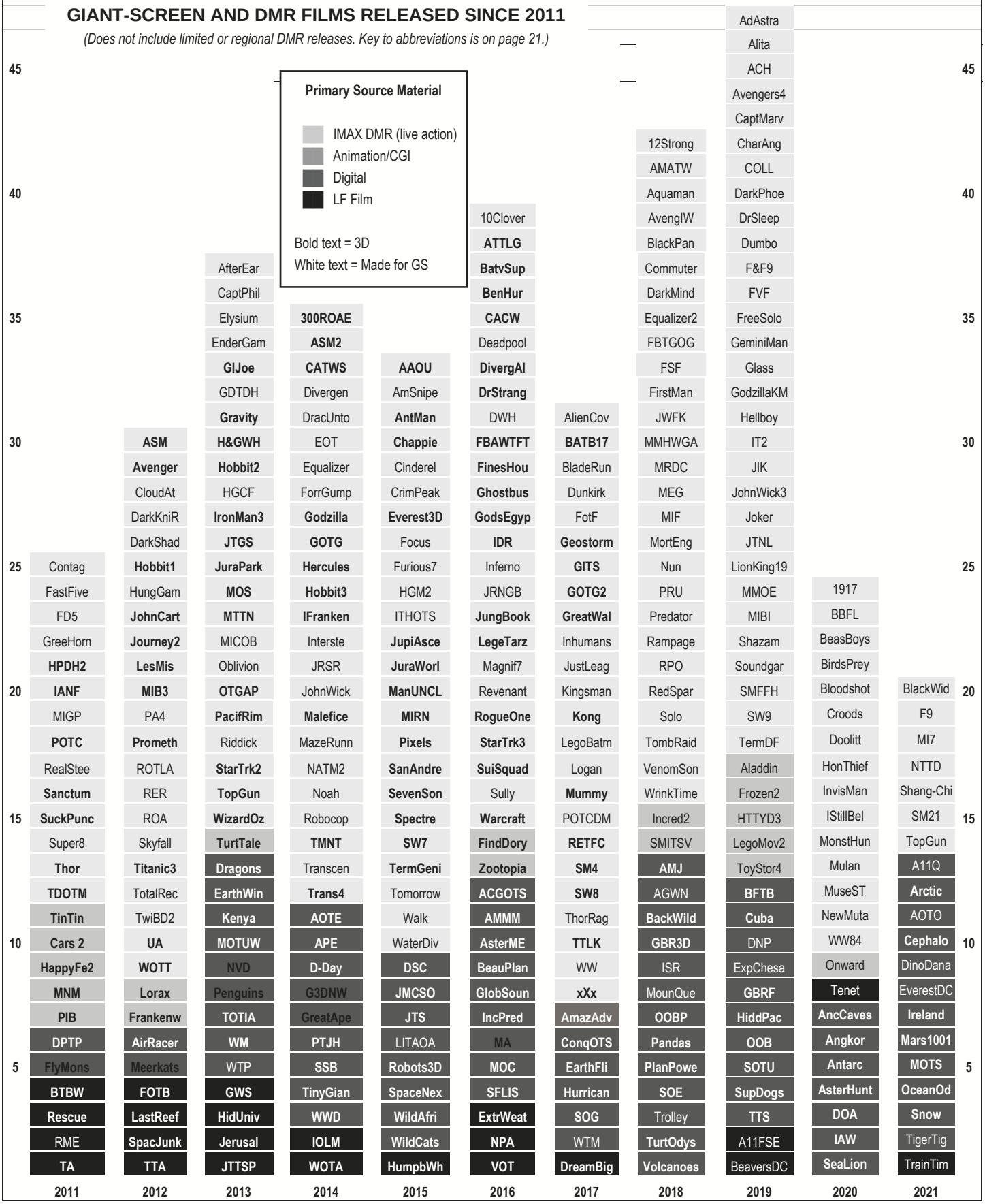
The former CEOs of E&S and Spitz, Kirk Johnson and **Jon Shaw**, respectively, now serve as executive vice presidents of Cosm and general managers of their respective divisions. The company's chief marketing officer is **James Meredith**, formerly SVP of marketing at Cinemark Theatres; its COO is **Sheli Reynolds**, formerly EVP for technology in Fox's digital consumer group. Including Terry, six other Cosm execs previously worked at Fox.

GS veteran **Mike Lutz**, who joined E&S as VP of new business development in 2018 after years at Imax Corporation and MacGillivray Freeman Films, continues at Cosm in that role. A Cosm spokesperson says that "Mike is engaged in the DomeX and LED technology in his business development role, to develop products of interest for, and continue the important relationships he has, in the [giant-screen] community."

The DomeX installation at Cosm's Experience Center in Salt Lake City is 66 feet (20 meters) in diameter.

GIANT-SCREEN AND DMR FILMS RELEASED SINCE 2011

(Does not include limited or regional DMR releases. Key to abbreviations is on page 21.)



*(from **FILMS** on page 1)*

Topics

The 20 films of 2020–2021 cover most of the usual GS topics: interesting animals, exotic locations, the natural world, space, and technology. Animals will be treated by ***Cephalopods: Aliens of the Deep*** from nWave Pictures; *Dinosaurs of Antarctica* from Giant Screen Films; K2 Studios' *Sea Lions: Life by a Whisker;* and Imax's ***Tiger Tiger***. Locations to be visited include K2's *Angkor,* and MacGillivray Freeman Films' ***Everest: The Director's Cut*** and ***Ireland***. Two other MacGillivray films that nominally opened in 2020 deal with nature: *Ancient Caves* and *Into America's Wild*, as do SK's *Antarctica*, Cosmic Picture's ***The Arctic: Our Last Great Wilderness***, ***The Search for Snow*** from nWave, and two more K2 releases: ***Ocean Odyssey*** and ***Mysteries of the Serengeti***. Four films will take viewers into space: Imax's *Asteroid Hunters;* MacGillivray's ***Astronaut: Ocean to Orbit;*** *Apollo 11: Quarantine* from Neon*;* and ***Mars 1001***, produced by Mirage 3D**.** Finally, the Stephen Low Company looks at railroad technology with ***Train Time***.

DMR films

The pandemic has not only damaged studios and theater chains financially, it appears to be spurring significant changes to the studios' long-standing practice of providing exclusive windows for initial theatrical runs. Before Covid, many had questioned the need for that exclusivity in the age of streaming, but the widespread shuttering of theaters led several studios to cut their losses by releasing new titles to streaming simultaneously with theaters or directly, with no theatrical runs. In their weakened state, the chains voiced their objections, along with several A-list filmmakers, but could do little more.

2021 DMR FILMS

Title	*Dist*	*Release*
Black Widow	WDP	5/7/21
F9	UP	5/28/21
Top Gun: Maverick	PAR	7/2/21
Shang-Chi	WDP	7/9/21
No Time to Die	MGM	10/8/21
Mission: Impossible 7	PAR	11/19/21
Spider-Man (untitled)	WDP	12/17/21

Imax Corporation's situation is somewhat better than that of its exhibitor customers, because its primary fare is major blockbusters with budgets in the hundreds of millions that cannot realistically be recouped from streaming alone. As a result, virtually all of the DMR titles that had been set for release in 2020 have been pushed into 2021 or beyond. Imax has responded by playing the waiting game and laying off a large percentage of its employees, relying on its large cash reserves to carry it through the pandemic.

Imax CEO **Richard Gelfond** has been bullish about the possibility of audiences returning to theaters soon, based on theaters' rebound in China and other Asian countries after the Coronavirus was gotten under control there. In late December he said that increasing levels of vaccination could lead business to bounce back by the summer. However, that was before MGM decided to shift the next James Bond entry, ***No Time to Die,*** from April to October, which threw the fate of other spring blockbusters into doubt.

As of this writing in late January, the only 2021 DMR titles listed at imax.com are ***F9: Fast and Furious*** (April 2), which had originally been slated for April 2020; ***Top Gun: Maverick*** (July 2), and *No Time to Die* (Oct. 8). However, Marvel's ***Black Widow*** is now scheduled for May 7, and if that date holds it will probably get an IMAX run. Our list of DMR titles below is speculative, particularly with respect to release dates, and includes titles that have previously been set for IMAX openings; the dates were accurate when this issue was published.

Below are the original giant-screen films of 2020 and 2021, listed chronologically by their announced release dates. Summaries in quotation marks were provided by the producers. Additional production updates can be found in "In Production" on page 10.

Underlined titles indicate that the film is in 2D. All others are 3D.

DMR titles are listed below, but are subject to change because of shifting studio schedules. This list does not include films that will be shown only in specific countries or regions.

Dinosaurs of Antarctica

Dinosaurs of Antarctica

Produced and distributed by Giant Screen Films. Directed by David Clark, produced by Don Kempf, Deborah Raksany, and Andy Wood, photographed by Reed Smoot, written by Deborah Raksany and Andy Wood, scored by Cody Westheimer. Cast: Libby Ives, Dr. Patty Ryberg, and Dr. Nathan Smith. Release: Feb. 14, 2020.

"From the Permian through the Jurassic, journey to the south polar landscapes of Antarctica hundreds of millions of years ago. Roam the primitive forests and thick swamps with bizarre dinosaurs and colossal amphibians. Enter a surreal world of bug-eyed giants and egg-laying mammals, where survival means enduring the sunless, six-month polar winter surrounded by meat-eaters with night vision. Join intrepid Antarctic scientists on a quest to understand the ice continent's profound transformation, and to predict the future as humans drive dramatic change. Welcome to the lost prehistoric world of Gondwana. Welcome to Antarctica."

Into America's Wild

Into America's Wild

Produced and distributed by MacGillivray Freeman Films. Directed by Greg MacGillivray, produced by Shaun MacGillivray, photographed by Brad Ohlund,

*(see **FILMS** on page 6)*

*(from **FILMS** on page 5)*

written by Steve Judson, scored by H. Scott Salinas. Executive producer: Tom Garzilli. Cast: Ariel Tweto, John Herrington, Jennifer Pharr Davis, Emma Faye Rudkin, and Shaun Martin. Narrator: Morgan Freeman. Release: Feb. 14, 2020.

"From the producers of the acclaimed hit film *National Parks Adventure* comes *Into America's Wild*, an unforgettable cross-country adventure into the hidden wonders of the natural world. A non-stop ride via kayak, bike, train, hot air balloon, zipline and more, *Into America's Wild* explores some of the most beautiful but lesser-known landscapes of North America, from the wilds of Alaska and the lush coastline of Oregon to the ancient canyons of the Southwest and the rolling hills of the Appalachian Trail. Setting out on this journey are three trailblazers — Native American astronaut John Herrington, Alaskan pilot and youth advocate Ariel Tweto, and record-breaking long-distance hiker Jennifer Pharr Davis — who share a passion for connecting people to experiences in the wild. As they wind their way through the scenic byways, ancient homelands, secret gems, and hidden trails that form the natural tapestry of America, viewers will discover the special human connection we all share with the natural world."

Sea Lions: Life by a Whisker

Sea Lions: Life by a Whisker

Produced by Definition Films and distributed by K2 Studios. Directed by Amelia McCarten and Paul Phelan, produced by David Gross and Sarah Beard, photographed by Jonathan Shaw ACS, Cam Batten, Tim Nagle, and Matty Ower, written by Amelia McCarten and Paul Phelan, scored by Michael Lira. Executive producers: John Maynard, Andrew Mason, Bernard Gross, Mark Kresser, Bob Kresser, Ed Capelle, Phil Hunt, and Compton Ross. Cast: Dirk Holman. Release date: Feb. 15, 2020.

"*Sea Lions: Life by a Whisker* is a classic coming-of-age tale filled with hope, humor, and wonder, told through a vast ocean that connects us all. Between a jagged cliff face and a roaring ocean lives one of the rarest marine mammals on the planet, the Australian sea lion, and one very special pup named Otto. Curious, intelligent, and playful, this family of whiskers needs our help. A heart-warming journey of a sea lion pup, and the man who has dedicated his life trying to save her species. Embark on an epic quest through the uninhabited wilderness of the Great Australian Bight, to the lush kelp forests off the Californian coast. In stunning 3D, encounter giant humpback whales, cunning cuttlefish, great white sharks, and one Marine Park Ranger on a mission to find out what it takes to save a species."

Ancient Caves

Ancient Caves

Produced by Oceanic Research Group and distributed by MacGillivray Freeman Film Distribution. Directed and photographed by Jonathan Bird, produced by Jonathan Bird and Art Cohen, written by Art Cohen and Jonathan Bird, scored by Bruce Zimmerman. Executive producers: Christine Bird, Mike Day, Dave Duszynsky, and Robin Doty. Cast: Dr. Gina Moseley, Dr. Larry Edwards, Brian Kakuk, Todd Kelly, and Dr. Keith Tinker. Narrator: Bryan Cranston. Release: March 7, 2020.

"Dr. Gina Moseley is a scientist on a mission as she travels the world exploring vast underground worlds in her quest to unlock the secrets of the Earth's ancient climate in the most unlikely place: caves. The fingerprints of past climate change are stored in stalagmites, formed by ancient dripping water. Gina's need for underwater samples leads her to world-renowned cave diver Brian Kakuk. Brian can go where Gina can't, and together they can reach places very few humans will ever go. *Ancient Caves* brings science and adventure together as the team embarks on an expedition to some of the world's most extreme caves, both above and below the water, to learn how fast the climate can change, and how it has affected human civilization."

Angkor: Lost Empire of Cambodia

Angkor: Lost Empire of Cambodia

Produced by Definition Films and Helio Projects Asia and distributed by K2 Studios. Directed by Murray Pope, produced by Christopher Zaryc, David Gross, and Murray Pope, photographed by Earle Dresner, written by Murray Pope and Paul Phelan. Executive producers: Ed Capelle, Mark Kresser, Nick Robinson, Kulikar Sotho, and John Weiley. Release: October 2020.

"At the height of its power between the 9th and 15th centuries, Angkor was a resplendent city, considered the most extensive urban complex of the pre-industrial world. But by the late 16th century the empire was in its death throes. The people of Angkor left not a single word explaining their kingdom's collapse. Come along on this giant-screen adventure to unveil the mysteries behind this lost jewel of Cambodia!"

Antarctica

Produced by the BBC Natural History Unit and distributed by SK Films, Inc. Directed by Fredi Devas, produced by Jonny Keeling, score by Hans Zimmer and Jacob Shea. Supervising producer: Myles

K2 Studios

MacGillivray Freeman Films

K2 Studios

SK Films

Antarctica

Connolly; executive producer: Jonathan Williams. Narrator: Benedict Cumberbatch. Release: October 2020.

"It is a land of mystery and yet what happens here affects every single one of us. With never-before seen footage, our story brings audiences to the farthest reaches of this wild and majestic continent. It is the coldest, driest and windiest place on Earth with the roughest oceans, and yet weird and wonderful creatures thrive here in astounding abundance. Antarctica is the perfect fit for the giant screen.

"Using the latest underwater filming techniques, dive beneath sea ice, more than six feet thick, to experience the alien world of its seafloor. Swim alongside playful seals, soar above mountain peaks and vast penguin colonies and witness the largest congregation of fin and humpback whales ever filmed.

"Although so remote from us, Antarctica and its surrounding Southern Ocean play a vital role for the entire planet, regulating ocean currents and sea levels; its wildlife-filled waters can absorb huge amounts of carbon. New science is revealing that dramatic changes are rapidly warming this pristine land of snow and ice. No one owns Antarctica, but it will take global cooperation and collaboration to protect it and ensure the future health of our planet."

MacGillivray Freeman Films

Asteroid Hunters

Neon

Asteroid Hunters

Produced by Imax Entertainment and Huahuang Pictures and distributed by Imax Entertainment. Directed by W.D. Hogan, produced by Anna Chi, Jini Durr, and Phil Groves, photographed by Sean MacLeod Phillips, written by Phil Groves, scored by John Debney. Executive producers: Anna Chi and Phil Groves. Cast: Marina Brozovic, Mark B. Boslough, Kelly Fast, and Nahum Melamed. Narrator: Daisy Ridley. Release: Oct. 8, 2020.

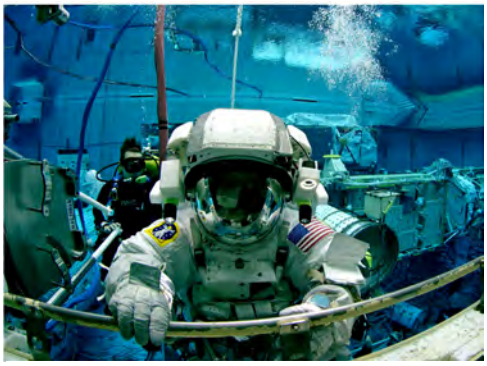
"Venture into deep space for a fascinating look at asteroids, their cosmic origins, and the potential threat they pose to our world. *Asteroid Hunters* introduces asteroid scientists — the best line of defense between Earth and an asteroid's destructive path — and reveals the cutting-edge tools and techniques they use to detect and track asteroids, and the technology that may one day protect our planet. The effects of an asteroid impact could be catastrophic, and while the current probability of an event in our lifetimes is low, the potential consequences make the study of asteroids an incredibly important area of scientific research. Witness the latest in planetary defense and how science, ingenuity, and determination combine to explore the world's most preventable natural disaster."

Apollo 11: Quarantine

Apollo 11: Quarantine

Produced by Statement Pictures and distributed by Neon and CNN Films. Directed by Todd Douglas Miller, produced by Todd Douglas Miller, Laura Kirby-Miller, Thomas Baxley Petersen, and Evan Krauss. Cast: Neil Armstrong, Buzz Aldrin, and Michael Collins. 23 minutes. 2D. Release: Jan. 29, 2021.

"*Apollo 11* took us straight to the heart of NASA's most celebrated mission — the one that first put men on the moon, and forever made Neil Armstrong and Buzz Aldrin into household names. As the world celebrated their historic achievement, the crew's mission would not be complete until returning safely to earth and undergoing a three-week medical quarantine. *Apollo 11: Quarantine* celebrates this lesser-known story of personal sacrifice and stoic resolve and while offering an enduring message of hope during these unprecedented times."



Astronaut: Ocean to Orbit

Astronaut: Ocean to Orbit

Produced by Oceanic Research Group, Inc., and distributed by Macgillivray Freeman Films. Directed by Jonathan Bird, produced by Art Cohen and Jonathan Bird, photographed by Jonathan Bird, written by Art Cohen and Jonathan Bird, scored by Bruce Zimmerman. Executive producers: Christine Bird, Greg Von Hausch, and Bonnie Leigh Adams. Cast: Chris Cassidy, Jeanette Epps, and Mike Casey. 2D, 20 min. Release: January 2021.

"In 2013, a critical life-support system on the International Space Station failed, requiring an immediate spacewalk to fix it. Astronaut Chris Cassidy made the repair and saved the space station. He was trained extensively for space walks here on Earth. But how do you train to work in microgravity here on Earth? *Astronaut: Ocean to Orbit* reveals the ways in which NASA uses underwater environments to

*(see **FILMS** on page 8)*

Imax Corporation

*(from **FILMS** on page 7)*

simulate life and work in space. Join Chris Cassidy (recent ISS Commander) as he floats in his space suit alongside a full-sized mock-up the International Space Station in a giant underwater facility in Houston. Dive to the sea floor with astronaut Jeanette Epps as she lives underwater with fellow astronauts for ten continuous days at Aquarius Reef Base in Florida. *Astronaut: Ocean to Orbit* offers a fascinating look into the high-tech world of astronauts. Do you have the right stuff?"

The Search for Snow

The Search for Snow

Produced by Saint Thomas Productions and nWave Pictures and distributed by nWave Pictures Distribution. Directed by Jacqueline Farmer and Cyril Barbançon, produced by Jacqueline Farmer, Cyril Barbançon, and Eric Dillens, photographed by Cyril Barbançon, written by Jacqueline Farmer, Cyril Barbançon, Philippe Chapuis, and Andy Byatt, scored by Samuel Safa. Executive producers: Jacqueline Farmer, Cyril Barbançon, and Eric Dillens. Narrator: John Flanders. Release: January 2021.

"Snow holds a unique place in our lives and our imaginations, encompassing magic, nostalgia, fear, and enigma. Now it has arrived at a defining moment in the age of the Anthropocene: for much of the world there will be a before and after the disappearance of snow. 'Will there still be a white Christmas?' is an increasingly desperate question in the era of climate change. Winters are shortening. Global warming is disrupting the movement of winter storm systems in the northern hemisphere, causing brutal localized snowfall in some places and in others a 'shortage.' Fauna and flora are being disrupted: in the Alps, the snowpack is decreasing, and with it the ability of animals and plants to cope with winter. Men and women whose economic survival depends on snow are increasingly helpless. Ski resorts are resorting to artificial snow to stay open. The fear that this beauty may disappear inspired the film: a celebration of the wonder of the snow, in all its forms."

Ocean Odyssey

Ocean Odyssey (formerly *Ocean Currents*)

Produced by Wild Pacific Media and Definition Films and distributed by K2 Studios. Directed, photographed, and written by Nick Robinson, produced by Peta Ayers, Electra Manikakis, Jon Shaw, and Nick Robinson. Cast: Sylvia Earle. Release: Early 2021.

"Five hundred million years ago life left this blue womb and colonized the land, but we are still intricately linked to the ocean. Our climates, coastlines, ecosystems, and economies are tied to the perpetual movement of water between continents. The great ocean currents are the arteries and veins of Planet Earth! This is the story of one particularly fascinating flow: the East Australian Current, a massive oceanic river that stretches the length of Australia's east coast."

Cephalopods: Aliens of the Deep

Cephalopods: Aliens of the Deep

Produced by Saint Thomas Productions and distributed by nWave Pictures Distribution. Directed and produced by Bertrand Loyer, photographed by Kevin Peyrusse, Marta Sostres, Jerome Maison, and Bertrand Loyer, scored by Samuel Safa. Narrator: Jacqueline Farmer. Release: April 2021

"Shot over three years across the globe through stunning underwater cinematography, this film presents an intimate portrait through macrophotography of the cephalopods (Greek meaning head foot). Journey through the magical world of these fascinating aquatic species and discover their unique physiology and what makes them survive against all odds."

Dino Dana: The Movie

Dino Dana: The Movie

Produced and distributed by Sinking Ship Entertainment. Directed by J.J. Johnson, produced by Eric Beldowski, Blair Powers, Christin Simms, and Matthew J.R. Bishop, photographed by George Lajtai, CSC, written by J.J. Johnson and Christin Simms, scored by Michael-Paul Ella. Executive producers: J.J. Johnson, Blair Powers, Christin Simms, and Matthew J.R. Bishop. Cast: Michaela Luci, Saara Chaudry, Nicola Correia-Damude, and Amish Patel. 2D. Release: Spring 2021.

"From multi-Emmy Award-winning Sinking Ship Entertainment comes *Dino Dana: The Movie*, an action-packed dinosaur adventure that follows 10-year-old Dana as she tries to solve Dino Experiment 901: where are all the kid dinos? But before she can complete her experiment, Dana's new upstairs neighbor Mateo finds

K2 Studios
nWave Pictures
Sinking Ship Entertainment
MacGillivray Freeman Films

Stephen Low Company

Mirage 3D

MacGillivray Freeman Films

her magical Dino Field Guide, which allows him to see dinosaurs in real life too. This discovery kicks off a prehistoric journey bigger than anything Dana has ever faced before. When Mateo is dino-napped by a T. rex who thinks he's one of her babies, it's up to Dana, her sister Saara, and Mateo's older stepbrother Jadiel to get him back. Along the way, Dana and her friends will race through a stampede of Triceratops, take on a Spinosaurus, get beak to nose with a Quetzalcoatlus, and come to realize that family, whether human or Jurassic, is the most important quest of all."

Mars 1001

Mars 1001 *(wt)*

Produced by Mirage 3D, distributor tbd. Directed and written by Robin Sip, produced by Akemi Makado, photographed by Christiaan Wouda, scored by Mark Slater. Executive producer: Robin Sip. Cast: Miles O'Brien, Anna O'Grady, Mark Holden, Lisa Came, and Nicholas Lupu. Release: May 2021.

"An international crew of astronauts is about to embark on the first interplanetary journey in history, the first manned mission to the surface of Mars. Reporter Miles O'Brien is reporting live from his Space Headquarters TV Studio in New York while events unfold for the crew on their 1001-day-long mission. We will witness their attempts to put human footprints on the surface and return the crew safely to Earth. The explorers will be extending our planetary knowledge and will be learning whether or not mankind has a future among the stars. Experience the thrill of the grandest mission of exploration ever undertaken!"

Train Time

Train Time *(wt)*

Produced and distributed by the Stephen Low Company. Directed and written by Stephen Low, produced by Pietro Serapiglia, photographed by Tristan Breeuwer. Executive producer: Paul Globus. Narrator: Steve Anthony. 2D. Release: May 2021.

"Join the crew of a giant freight train for an eye-popping, music-infused journey across America. Filmed in the world's largest film format from the sky and from aboard giant freights, *Train Time* delivers an unprecedented 'being-there' experience of rail.

"Railroaders guide us through the running of a modern super freight and help us navigate the astounding scale and complexity of a major railroad network: giant diesel locomotives, 200-car trains, tens of thousands of miles of track and millions of pounds of cargo that can't wait. To deliver the goods, we transit vast changes in topography and weather — racing across prairie, through forests, mountains and desert — from the Great Lakes to the Pacific shore.

"Weaving together present green-tech and classic steam locomotives, grit, glamour and glorious landscapes, *Train Time* immerses viewers in a grand tapestry of railroading, revealing along the way the art and science of running the greatest trains. Shot entirely on 15/70 film."

Everest: The Director's Cut

Produced and distributed by MacGillivray Freeman Films. Directed by Greg MacGillivray, David Breashears, and Stephen Judson, produced by Greg MacGillivray, Alec Lorimore, and Stephen Judson, photographed by David Breashears, written by Tim Cahill and Stephen Judson, scored by Steve Wood and Daniel May. Cast: Liam Neeson, David Breashears, Ed Viesturs, Jamling Tenzing Norgay, and Araceli Segarra. 2D. Release: Spring/summer 2021.

"In this special director's cut of the blockbuster hit *Everest*, audiences will revisit the harrowing and inspirational ascent of the world's tallest mountain with a team of four international climbers who find hope, beauty, and triumph in the wake of tragedy. Digitally remastered in 16k resolution and with never-before-seen footage, the special edition will allow a new generation to experience this critically acclaimed film.

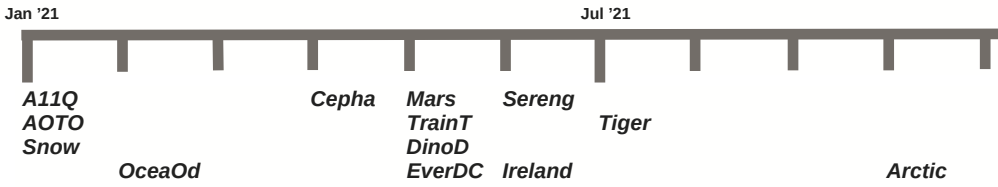
Everest: The Director's Cut

"When *Everest* was first released in 1998, it had the largest and fastest rollout ever for a large-format film. The film landed on *Variety*'s Top 10 Box Office Chart for North America, and was placed in the Top 50 Films of 1998 by *USA Today*. *Everest* shattered all previous giant-screen theater attendance records and went on to become the highest grossing giant-screen documentary of all time."

Ireland

Produced and distributed by MacGillivray Freeman Films. Directed by Greg MacGillivray, produced by Shaun MacGillivray, photographed by Brad Ohlund, written by Steve Judson, scored by Brian

*(see **FILMS** on page 14)*



* New listing.
All films are 3D unless noted; underlined titles are 2D.
Updated information is printed in bold.
Unless noted, all films run about 40 minutes.

Ocean Odyssey *(wt, formerly Ocean Currents)*
Wild Pacific Media, Definition Films; distributor: K2 Studios; director: Nick Robinson; producers: Nick Robinson, Electra Manikakis, Peta Ayers; DPs: Nick Robinson, Jonathan Shaw ACS, Caspar Mazzotti; script: Nick Robinson, Peta Ayers; score: Hylton Mowday; executive producers: David Gross, Electra Manikakis, Nick Robinson. Cast: Silvia Earl. Release: Early 2021.
– Film is nearly complete.

Cephalopods: Aliens of the Deep
Saint Thomas Productions; distributor: nWave Pictures Distribution; director, producer: Bertrand Loyer; DPs: Kevin Peyrusse, Marta Sostres, Jerome Maison, Bertrand Loyer; score: Samuel Safa. Narrator: Jacqueline Farmer. Release: April 2021.
– Filmed in Australia and the Philippines.
– **Honorable mention at the 2020 Jackson Wild Media Awards.**

Mars 1001 *(wt)*
Mirage 3D; distributor: K2 Studios; director, writer: Robin Sip; producer: Akemi Makado; DP: Christiaan Wouda; score: Mark Slater; executive producer: Robin Sip. Cast: Miles O'Brien, Anna O'Grady, Mark Holden, Lisa Came, Nicholas Lupu. ***Release: May 2021.***

Train Time
Stephen Low Company; distributor: Stephen Low Company; director, script: Stephen Low; producer: Pietro Serapiglia; DP: Tristan Breeuwer; executive producer: Paul Globus. Narrator: Steve Anthony. 2D. Release: May 2022.
– Film is complete.

Dino Dana: The Movie
Sinking Ship Entertainment; distributor: Sinking Ship Entertainment; director: J.J. Johnson; producers: Eric Beldowski, Blair Powers, Christin Simms, Matthew J.R. Bishop; DP: George Lajtai CSC; script: J.J. Johnson, Christin Simms; score: Michael-Paul Ella; executive producers: J.J. Johnson, Blair Powers, Christin Simms, Matthew J.R. Bishop. Cast: Michaela Luci, Saara Chaudry, Nicola Correia-Damude, Amish Patel. 2D. Release: May 2021.
– A shorter version is being prepared.

Everest: The Director's Cut
MacGillivray Freeman Films; distributor: MacGillivray Freeman Films; directors: Greg MacGillivray, David Breashears, Steve Judson; producers: Steve Judson, Alec Lorimore, Greg MacGillivray; DP: David Breashears; script: Tim Cahill, Steve Judson; score: Daniel May, Steve Wood. Narrator: Liam Neeson. Cast: Araceli Segara, Jamling Tenzing Norgay, Ed Viesturs. 2D. ***Release: Spring/summer 2021.***
– **Currently scanning the original film in 16K.**

Ireland
MacGillivray Freeman Films; distributor: MacGillivray Freeman Films; director: Greg MacGillivray; producer: Shaun MacGillivray; DPs: Brad Ohlund, Greg MacGillivray; script: Greg MacGillivray, Manchán Magan. ***Release: Spring/summer 2021.***
– Principal photography is complete, post-production is under way.

Mysteries of the Serengeti
Digital Crossing Productions; distributor: K2 Studios; director: Michael Dalton-Smith; producers: Michael Dalton-Smith, Karen Gordon; script: Michael Dalton-Smith, Karen Gordon. ***Release: June 2021.***
– Filmed aerials in November.

Tiger Tiger
White Mountain Films, Kennedy/Marshall Company, Imax Corporation; distributor: Imax Corporation; director: George Butler; producers: George Butler, Keero Birla, Caroline Alexander; DPs: Reed Smoot, Tom Hurwitz; script: Caroline Alexander; score: Mark Kilian; executive producers: Julian Robertson, Frank Marshall. Cast: Dr. Alan Rabinowitz. 2D. Release: Summer 2021.
– Post-production, editing, music and effects complete. Final mix pending.

The Arctic: Our Last Great Wilderness
Terra Mater Factual Studios; distributor: Cosmic Picture Distribution; directors: Myles Connolly, Florian Schulz; producers:, Walter Köhler, Wolfgang Knöpfler; DP: Florian Schulz, Salomon Schulz; script: Myles Connolly, Florian Schulz, Vickie Curtis; score: Alex Heffes. Executive producers: Tom Campion, Dinah Czezik-Müller, Michael Frenschkowski. Cast: Florian Schulz, Emil Herrara-Schulz, Nanuk Schulz, Silvan Schulz, Salomon Schulz, Jake Soplanda, Bernadette Demientieff, Siqiniq Maupin, Isaiah Horace. Narrators: Princess Daazhraii Johnson, Florian Schulz. Release: 2021.
– Principal photography is complete, post-production is under way.

Shark Heroes *(wt)*
Definition Films; distributor: K2 Studios; director, writer: Amelia McCarten; producer: David Gross; DP: Jonathan Shaw ACS; executive producer: Mark Kresser. ***Release: January 2022.***
– Fall: Filmed in Australia.

Secrets of the Sea
Howard Hall Productions, Oceanic Research Group; distributor: tba; directors: Howard Hall, Jonathan Bird; producers: Michele Hall, Christine Bird; DPs: Howard Hall, Jonathan Bird; script: Howard Hall; score: Bruce Zimmerman, Alan Williams; executive producers: Michele Hall, Christine Bird. Release: Spring 2022.
– Principal photography is complete.
– Release will be delayed to 2022.

Artemis: Beginning of a New Era *(wt)*
Afterglow Studios; distributor tba; director: Luke Ployhar; producers: Luke Ployhar, Ashley Jahnke; script: Scott Pearson. ***Release: 2022.***

Cool Cities *(wt)*
K2 Studios; distributor: K2 Studios; director: Nick Robinson; producer: David Gross; executive producers: Robert Kresser, Mark Kresser, Mark Krenzien, David Gross. Cast: Tim Jarvis. Release: 2022.

Einstein's Incredible Universe *(wt)*
Cosmic Picture; distributor: tba; director: Daniel Ferguson; producers: Taran Davies, George Duffield, Daniel Ferguson; script: Daniel Ferguson, Mose Richards; DP: Reed Smoot. ***Release: 2022.***

Fire Fighters
Sean Casey Productions; distributor: tba; director, DP: Sean Casey. 2D. Release: 2022.
– Will be filming this fire season with the added pressure of the coronavirus affecting the fire service community.

Journey to the Great Mayan Reef
Milbrand Cinema; distributor: tba; director, producer, DP: Lance Milbrand; editor: Dave Choice; score: Icarus Music. Cast: Kathleen Dudzinski, Eldon Bolton. ***Release: 2022.***
– Principal photography is complete.

Koala
Amezdroz Media; distributor: MacGillivray Freeman Films; director, producer: Stephen Amezdroz; DP: Richard Fitzpatrick; writer: Sheryl Allen. Cast: Lizzie Corke, Shayne Neal, Jack Pascoe. Release: 2022.
– Filming began in September in southern Aus-

tralia.

New England and the Sea of Stories (wt)
Cosmic Picture; distributor: Museum of Science, Boston; director: Daniel Ferguson; producer: Taran Davies; script: Daniel Ferguson; DP: Reed Smoot. 2D. ***Release: 2022.***
– Filming, originally planned to start in April 2020, has been put on hold.

Refuge: America's Wildest Places
Tandem Stills + Motion; distributor: tba; director, producer: Ian Shive. ***Release: 2022.***
– Principal photography is complete, post-production is under way.

Wings Over Water
Dorsey Pictures, Archipelago Films; distributor: SK Films; directors, producers, script: Andrew Young, Susan Todd; DP: Andrew Young; executive producer: Chris Dorsey, Charlie S. Potter. Narrator: Michael Keaton. ***Release: 2022.***
Photography is 95% complete.
– October: Aerial photography at several US locations, using a custom-built light sports aircraft to fly with birds.
– November: VFX, graphics, and CGI work started.

Yellowstone: Life in Extremes
Grizzly Creek Films; distributor: tba; director: Thomas Winston. Release: tba.
– Filmed in Yellowstone in 2019 and 2020.
– Captured unprecedented aerials of the park with no humans during COVID shutdown.

DMR FILMS:

Title	Dist	Release
Black Widow	WDP	5/7/21
F9	UP	5/28/21
Top Gun: Maverick	PAR	7/2/21
Shang-Chi	WDP	7/9/21
No Time to Die	MGM	10/8/21
Mission: Impossible 7	PAR	11/19/21
Spider-Man (untitled)	WDP	12/17/21
The Batman	DCE	3/4/22
Doctor Strange	WDP	3/25/22
Thor: Love and Thunder	WDP	5/6/22
Jurassic World: Dominion	UP	6/10/22
Indiana Jones (untitled)	WDP	7/29/22
Avatar 2	FOX	12/16/22

Warner Bros.

DP Matthew Jensen (at camera) and director Patty Jenkins using the IMAX film camera to film Wonder Woman 1984.

LFX Looks Back: Vol. 1, No. 1, October 1997

As LF Examiner approaches the end of its run, we will look back at our 24 years of publishing with selections from previous issues. The following two pieces were the lead articles from Volume 1, Number 1 of MaxImage (as LFX was originally known), published in October of 1997.

ISTC 1997

The LF industry's largest and most important gathering, the **International Space Theater Consortium** (ISTC) annual conference, was held in Vancouver, British Columbia, Canada from 19 – 22 September, 1997. Over 900 delegates from 26 countries came to see the newest crop of LF films, hear about projects in the works, and try to discern the future of an industry very much in flux

The conference featured screenings of nine New Films (completed films not seen at a previous ISTC meeting), 22 Films in Progress (films for which some 15/70 footage has been shot), and dozens of New Film Projects (everything else). In addition, seven panel discussions touched on subjects such as "Going Digital" (see page 6), "Selecting a Format," and "How To Serve Two Masters," on balancing education and entertainment in LF films.

This year's trade show was the largest ever, with 28 exhibitors spread over a large convention hall. **Imax Corporation** had a massive presence that included a Kodak photo studio in which delegates could be electronically inserted into shots of the Rolling Stones onstage, a Tyrannosaurus, or the top of Mt. Everest. The **Stephen Low Company** brought their Indy car, and had driver/cameraman/legend **Mario Andretti** available for autographs and photos.

A significant innovation at this conference was the elimination of the "Works in Progress" sessions which previously had given people developing new films five minutes each to show slides or discuss their ideas. The problem was that one often had to sit through a number of dull talks (frequently on projects that later disappeared) in the hope of catching one or two of interest. Despite this, the Works in Progress sessions were always well attended, because no one wanted to miss the chance of getting the first word on the next hot film.

In their place, two hours on Sunday morning and a number of tables on the Trade Show floor were set aside for people with nascent LF projects. This arrangement allowed you to choose the projects you were most interested in, then pick up the literature and meet with the principals for as long you wished. And if you weren't interested in any of them, you had all Sunday morning to conduct other business or just take it easy, an unheard-of luxury at recent ISTCs. Coming after several days of frenzied activity, it was a welcome breather.

A practical advantage of the Vancouver site was its geography. No, not the surrounding mountains and picturesque bay, although the scenery definitely enhanced the aesthetics of the conference. But the fact that nearly all the sites were in close proximity to one another made the whole week less hectic and demanding. Most of the hotels were only a few blocks' walk from the Convention Centre in Canada Place, and Science World was an easy 10-minute ride on the pleasant and efficient Sky Train. Significantly less time was spent moving between conference sites than in many previous meetings.

Last but not least, the weather was gorgeous for the entire week. Temps held between 18° and 24° C (that's 65° – 75° Fahrenheit for you non-metric types) with sunny skies and no hint of the precipitation the region is noted for.

All told, ISTC '97 was simply exemplary. Kudos to conference hosts **Ruth Heyes** of the CN IMAX Theater and **Ray Lord** of Science World British Columbia, assisted by **Joanna Shillington** and the staff of Events by Design, for a year of unseen preparation that paid off handsomely. There were no visible technical flubs, due to the considerable exertions of **Ingrid Lae**, Chief Projectionist of Science World, and **James McLeman,** CP at the CN IMAX theater, and their respective staffs. Finally, thanks go to Conference Committee Chair **Freda Nicholson** and the members of her committee for one of the most enjoyable gatherings in recent memory.

"Going Digital" session

by Marty Shindler

The times they are a changin' could have been the theme for much of this year's ISTC, but no where is it more appropriate than in the concurrent sessions, where Going Digital, a session chaired by

Canada Place in Vancouver (seen here in 2001), was the site of the 1997 ISTC Conference. The cylindrical structure to the right was the CN IMAX Theatre.

Nicolas Untz (CC BY-SA 2.0)

Chris Reyna of **Imagica USA**, played to an SRO audience.

Seems like only a few years ago that there was not much interest in digital film technologies from the ISTC crowd. The technologies, primarily CGI (computer generated images) were used in only a handful of films and the experiences of the producers and directors were not always favorable. Common complaints included the images costing way too much, were never on time and the results on the screen did not have enough resolution. Doing a composite of CGI and live action or two or more live action shots was hardly possible since there was not enough power in most computers to do the necessary crunching to get the work done. Those WERE the days, but not anymore.

In recent years there has been a remarkable increase in the use of digital film technologies for the large format industry. Now it is possible for producers and directors to have access to all of the tools and tricks of the trade as mainstream filmmakers. This was evident in not only the films that were screened but in the Films in Progress and New Film Projects as well.

This year's Going Digital session included a number of the preeminent artists and technologists who have incorporated digital into their work, from pure CGI to sophisticated composites to image enhancements and converting video files to large format images. As an aside, the Technical Sessions presented some brilliant computer animation in 3D.

The concurrent session's participants included Chris Reyna of Imagica USA, **Daniel White** of **Big Films, Inc.**, **Mike Boudry** of **Computer Film Company**, **David Keighley** of **DKP Ltd./70mm Inc.**, **Xavier Nicholas** of **Ex Machina** and **Ben Stassen** of **New Wave International**. Most showed representative samples of their work and all discussed the capabilities that their facilities possessed for handling large format images digitally. There was even some discussion on how traditional techniques were still valid for a lot of applications and at a lower cost than digital. All seemed to agree that above all else, the base story must be present in order to engage the audience.

Discussion at the session also included the evolving marketplace, which requires that new and different films be produced in order to feed the growing number of large format theaters. Digital film technologies are certain to be a major ingredient, audience and panel agreed. The number and range of venues is growing from the nucleus of global museums and the location based entertainment projects with signature films to the commercial theaters throughout the world that are getting heavily involved in the format. Economics dictate that more theaters will require more product and that conversely more product will help more theaters evolve.

In the coming issues of *MaxImage* the digital technology column will report on techniques in use, definitions of key terms and a description of the production process to enable directors and producers to maximize their money.

Marty Shindler is a freelance industry consultant who provides a business perspective to creative and technology companies. His involvement with digital technologies has included work with such organizations as Industrial Light & Magic, Cinesite/Kodak, the Jazz Media Network and ReZ.n8 Productions. Marty may be reached at shindler@aol.com.

MAC Award winners

In 1997 the ISTC marketing Committee launched the first MAC Awards contest, to recognize "Marketing Achievement and Creativity" (hence MAC) by member theaters.

Eligible were marketing materials for LF films released between May 1996 and July 1997. Entries were judged "on the entire marketing plan, including the marketing goals and strategies, the marketing components including advertising, publicity, promotions and sponsorship, and collateral materials."

Other criteria included creativity in execution, and results. Judging was done by an LF theater marketing director and other marketing professionals.

First Prize went to The **BMW Pavilion** in Capetown, South Africa, for its "Extreme Theme" film festival campaign.

Second Prize was awarded to the **Houston Museum of Natural Science** for its promotion of ***Alaska***.

Third Prize was won by **IMAX Les Ailes** in Brossard, Quebec, for its marketing of ***L5*** and ***Survival Island.***

An Honorable Mention went to the Ft. Lauderdale's **Museum of Discovery and Science** for its ***Into the Deep*** campaign.

The winning entries were displayed in the Trade Show exhibition hall at the Vancouver Conference.

LFCA 1997

This year's **Large Format Cinema Association** (LFCA) confab drew a crowd of more than 150 delegates from over 100 organizations to Whistler, BC, a picturesque ski resort 75 miles north of Vancouver. The September 18 meeting consisted of three panel discussions, a lunch with keynote speech by LF veteran **Peter Crane,** a general membership meeting, and a meeting of the board of directors.

Terrell Falk of **JQH Entertainment** led "Marketing Large Format Films and Theaters," a panel including **Steve Bishop** of the **Museum of Science and Industry** in Chicago, **Todd Mortenson** of **Destination Cinema**, **MacGillivray Freeman's Bill Bennett**, and **Kasho Furuya** of **Cinema Japan Company, Ltd.**

Bishop asserted that, contrary to conventional wisdom, multiple LF theaters in the same town don't necessarily lead to conflict. Bennett briefly described MFF's marketing plan for ***Everest***, and Furuya spoke on the unique character of the Japanese LF market.

Mark Peterson (White Oak Associates) moderated a discussion of "Appropriate Technology for the Large Format Venue." Participating were **Steve Marble** of **Catalyst Entertainment**, **Scott Memmott** of **World Cinemax Productions**, **Bill Peters** from the **Calgary Science Center**, and **Bob Whittingham** of Australia's **Maxvision Pty. Ltd**.

Peterson detailed the evaluation process White Oak uses to guide their clients to a

*(see **LOOK BACK** on page 15)*

Ireland

*(from **FILMS** on page 9)*

Byrne. Executive producer: Mark O'Malley. Cast: Manchán Magan, Patricia Treacy, Rhiannon Mulligan, Molly Monroy, Noah Snyder, and Osama Kheireddine. Release: Spring/summer 2021.

"Worldwide audiences will fall in love with Ireland as they experience the immense natural beauty and rich cultural heritage of the beautiful Emerald Isle. Amid such awe-inspiring locations as Giant's Causeway and the Cliffs of Moher, the film follows Irish writer Manchán Magan on his quest to reconnect people of Irish heritage from around the world with their land, language, and stories. Magan is joined by four Irish teens and violinist Patricia Treacey on a cross-country journey from Dublin to Belfast, Kilkenny to Blarney Castle, and to the spectacular islands of Skelling Michael, where they meet scientists studying the country's basking sharks and puffin population. At each stop along the way, audiences will rediscover the vibrant traditions and sacred customs of this ancient land, made new again."

Mysteries of the Serengeti

Mysteries of the Serengeti

Produced by Digital Crossing Productions and distributed by K2 Studios. Directed by Michael Dalton-Smith, produced and written by Michael Dalton-Smith and Karen Gordon. Release: Summer 2021.

"Life happened in the Serengeti on an unprecedented scale. It's home to most of Africa's iconic animals, and hosts one of the world's greatest natural events: the annual wildebeest migration. Nature has orchestrated a perfect symphony in which every species has a very distinct role to play in a larger story — the balance of an entire ecosystem. We'll see it through the eyes of the youngest members of our animal cast as they imitate their parents, and learn about the mighty roles they'll play. Prepare to be awed by this immersive, giant-screen film about how nature works in one of the world's greatest ecosystems."

Tiger, Tiger

Tiger, Tiger

Produced by White Mountain Films, Kennedy/Marshall Company, and Imax Corporation, distributed by Imax Corporation. Directed by George Butler, produced by George Butler, Keero Birla, and Caroline Alexander, photographed by Reed Smoot and Tom Hurwitz, written by Caroline Alexander, scored by Mark Kilian. Executive producers: Julian Robertson and Frank Marshall. Cast: Dr. Alan Rabinowitz. 2D. Release: Summer 2021.

"*Tiger Tiger*, an IMAX original documentary, will take audiences into the ancient, threatened kingdom of the Royal Bengal Tiger of the Sundarbans, at the southernmost edge of the Bengal Delta. We are excited to bring an immersive adventure — glimpses of the rarely seen tiger on the majestic scale it deserves, the mysterious mangrove forests of the Sundarbans, and the last journey of a beloved and fearless conservation icon — to an IMAX screen near you."

The Arctic: Our Last Great Wilderness

The Arctic: Our Last Great Wilderness

Produced by Terra Mater Factual Studios and distributed by Cosmic Picture Distribution. Directed by: Myles Connolly and Florian Schulz, produced by Walter Köhler and Wolfgang Knöpfler, photographed by Florian Schulz and Salomon Schulz; written by Myles Connolly, Florian Schulz, and Vickie Curtis, scored by Alex Heffes. Executive producers: Tom Campion, Dinah Czezik-Müller, and Michael Frenschkowski. Cast: Florian Schulz, Emil Herrara-Schulz, Nanuk Schulz, Silvan Schulz, Salomon Schulz, Jake Soplanda, Bernadette Demientieff, Siqiniq Maupin, and Isaiah Horace. Narrators: Princess Daazhraii Johnson and Florian Schulz. Release: 2021.

"Imagine a place in the far north of Alaska that is vast, wild, and magical; where one of earth's greatest natural spectacles unfolds. Princess Daazhraii Johnson of the Gwich'in tribe reveals the land that has sustained her people for untold generations. Experience a world that has evolved intact and untamed since the beginning of time. Journey with National Geographic photographer Florian Schulz on his five-year quest to film the elusive 200,000-strong porcupine caribou herd as it migrates to the Arctic Coastal Plain, one of the longest animal migrations on earth. Filled with intimate moments featuring polar bears, musk oxen, wolves, grizzlies, golden eagles, and more, *The Arctic: Our Last Great Wilderness* is the first cinematic exploration of a world few have truly seen until now. Experience this special place worth protecting."

Stephen Low Company

Cosmic Picture

Imax Corporation

K2 Studios

*(from **LOOK BACK** on page 13)*
format selection. Calgary's Peters called for more LF films shot specifically for the dome to avoid the perspective distortion experienced when a flat screen film is projected on a hemisphere. (MaxImage thought of **Steve Judson's** *Homeland,* made for Singapore.)

Peter Crane's amusing luncheon keynote was a witty ramble through the history of Large Format, told as only a true veteran can. He likened the growth of LF to geological development, building through successive phases from the creeping "Tectonic Plate Movement" of the early days to the "Full Scale Eruption" currently shaking the industry. Crane wondered whether the future of the industry would bring destruction, like Mt. St. Helens, or the formation of a paradise, like Hawaii.

The way to get a great film is to get the right person to make it, then *trust him.*

And even when it gets really scary, *still trust him.*

And when the film bombs, *then* you can kick the shit out of him.

— John Weiley

The most lively session was the afternoon "LF Filmmakers' Forum." **Bayley Silleck** (dir. *Cosmic Voyage*) appealed for more attention to the art of writing for LF films. He pointed to humor as a tool that has been underused in the medium. "Humor can help to achieve that elusive goal of entertaining and educating all at once." Silleck pleaded for an alternative to the committee approach to making films, a sentiment that was warmly applauded.

Laurel Ladevich (co-prod. *Special Effects*) agreed, warning that "quality control" exercised by institutions and sponsors is as likely to keep quality down as to bring it up. "Filmmakers should not be considered as technicians who have to be carefully managed so they don't go out of control."

Dennis Earl Moore (dir. *Living Planet*) suggested that there is a problem with how LF films are made: "The current process is to write a loose treatment or detailed script, and then a wish list. Then film what money and time and circumstances allow. Then write a detailed description, called variously a narrative and/or a narration that describes what you wanted to show the audience."

Filmmakers should "put on film – which is a *visual* medium – that which they intended to show in the first place, instead of telling you a story about how it was kind of *like* what you're seeing. We're making films that are telling people how to see things that they aren't really seeing, and I think they feel cheated."

John Weiley (dir. *Antarctica*) described some of the difficulties of making 3D films, not the least of which is that "you're going to lose a huge amount of money." Although the industry seems not to be admitting it, attendance at theaters is dropping from an average of 200,000 in the early '90s to an average of 125,000 today, according to Weiley.

This is brought on by multi-film programming at theaters that formerly booked only one film at a time, and although it is ameliorated somewhat by growth in the number of theaters, Weiley expressed the need for enough theaters to build a market that will make films profitable. The Australian director also echoed the comments of other panel members about the freedom needed to make a high-quality film.

Kieth Merrill (dir. *Amazon*) related his confrontation with a number of museums who declined to accept his original version of *Amazon* because the native peoples in the film appear in their natural unclothed state. He was frustrated that museums felt this was inappropriate in the museum context, but relented and produced a "sanitized" version. "After 25 years of making movies, an Academy Award, 12 IMAX projects, all these marvelous experiences, my career is reduced to sitting at an Avid with a grease pencil saying, 'Wait a minute; there's a penis.'"

IMAX is essentially a medium trying to tell a short story in a miasma of detail worthy of Tolstoy.

— Dennis Earl Moore

Despite this, Merrill doesn't believe there are bad guys in this situation. "If [museums] feel that seeing naked Zoë Indian people somehow is offensive to their audiences, certainly it's their prerogative. They're the ones that have to answer the telephones."

In the General Membership meeting that followed the Filmmakers Session, President **Chris Reyna** discussed the LFCA's effort to develop international technical standards for 15/70 and 8/70 cameras and projectors, through the **Society of Motion Picture and Television Engineers** (SMPTE). In November LFCA will submit proposed standards to the SMPTE Film Committee which will review and seek comments on them for one year, as part of its ratification process. Interested parties are invited to make their suggestions on technical standards to Reyna

The General Membership meeting also included the election of new board members and the announcement of the site of the 1998 LFCA conference.

Bookings: January 2021 by Film

362 bookings of 91 films in 139 theaters

Film	Theater	Open	Close
A11	Altamonte AMC	1/29/21	
	Billings AMC	1/29/21	
	Centerville Meg	1/29/21	
	Chattanooga AMC	1/29/21	
	Columbus ETC AMC	1/29/21	
	Council Bluffs AMC	1/29/21	
	Cumming AMC	1/29/21	
	Destin AMC	1/29/21	
	Fayetteville Mal	1/29/21	
	Franklin AMC	1/29/21	
	Frisco AMC	1/29/21	
	Garland AMC	1/29/21	
	Grand Blanc NCG	1/29/21	
	Grand Rapids Cel	1/29/21	
	Highlands Ranch AMC	1/29/21	
	Houston AMC	1/29/21	
	Independence AMC	1/29/21	
	Indianapolis 17 AMC	1/29/21	
	Indianapolis AMC	1/29/21	
	Kansas City AMC	1/29/21	
	Lansing Cel	1/29/21	
	Las Vegas TS AMC	1/29/21	
	Lubbock Pre	1/29/21	
	Manhattan AMC	1/29/21	
	Memphis Mal	1/29/21	
	Mesa AMC	1/29/21	
	Northfield TST	1/29/21	
	Oak Brook AMC	1/29/21	
	Oklahoma City AMC	1/29/21	
	Olathe AMC	1/29/21	
	Oldsmar AMC	1/29/21	
	Orange Park AMC	1/29/21	
	Phoenix DR AMC	1/29/21	
	Phoenix DV AMC	1/29/21	
	Portage Cel	1/29/21	
	Roseville AMC	1/29/21	
	Saint Augustine	1/29/21	
	Saint Louis Mar	1/29/21	
	San Antonio San	1/29/21	
	Schererville AMC	1/29/21	
	South Barrington AMC	1/29/21	
	South Jordan Meg	1/29/21	
	Sparks Gal	1/29/21	
	Springfield MO AMC	1/29/21	
	Sugar Land AMC	1/29/21	
	Surprise AMC	1/29/21	
	Tallahassee AMC	1/29/21	
	Tampa AMC	1/29/21	
	Tucson AMC	1/29/21	
	Tulsa AMC	1/29/21	
	Vineyard Meg	1/29/21	
	Virginia Beach AMC	1/29/21	
	Waukee FRD	1/29/21	
	West Chester AMC	1/29/21	
	West Valley City Meg	1/29/21	
A11FSE	Baton Rouge LASM	6/19/20	
	Copenhagen TBP	10/31/20	
	Orlando SC	6/15/20	1/31/21
	Pensacola NAM	9/29/20	
	Saint Louis SC	6/18/20	
A11Q	Altamonte AMC	1/29/21	
	Billings AMC	1/29/21	
	Centerville Meg	1/29/21	
	Chattanooga AMC	1/29/21	
	Columbus ETC AMC	1/29/21	
	Council Bluffs AMC	1/29/21	
	Cumming AMC	1/29/21	
	Destin AMC	1/29/21	
	Fayetteville Mal	1/29/21	
	Franklin AMC	1/29/21	
	Frisco AMC	1/29/21	
	Garland AMC	1/29/21	
	Grand Blanc NCG	1/29/21	
	Grand Rapids Cel	1/29/21	
	Highlands Ranch AMC	1/29/21	
	Houston AMC	1/29/21	
	Independence AMC	1/29/21	
	Indianapolis 17 AMC	1/29/21	
	Indianapolis AMC	1/29/21	
	Kansas City AMC	1/29/21	
	Lansing Cel	1/29/21	
	Las Vegas TS AMC	1/29/21	
	Lubbock Pre	1/29/21	
	Manhattan AMC	1/29/21	
	Memphis Mal	1/29/21	
	Mesa AMC	1/29/21	
	Northfield TST	1/29/21	
	Oak Brook AMC	1/29/21	
	Oklahoma City AMC	1/29/21	
	Olathe AMC	1/29/21	
	Oldsmar AMC	1/29/21	
	Orange Park AMC	1/29/21	
	Phoenix DR AMC	1/29/21	
	Phoenix DV AMC	1/29/21	
	Portage Cel	1/29/21	
	Roseville AMC	1/29/21	
	Saint Augustine	1/29/21	
	Saint Louis Mar	1/29/21	
	San Antonio San	1/29/21	
	Schererville AMC	1/29/21	
	South Barrington AMC	1/29/21	
	South Jordan Meg	1/29/21	
	Sparks Gal	1/29/21	
	Springfield MO AMC	1/29/21	
	Sugar Land AMC	1/29/21	
	Surprise AMC	1/29/21	
	Tallahassee AMC	1/29/21	
	Tampa AMC	1/29/21	
	Tucson AMC	1/29/21	
	Tulsa AMC	1/29/21	
	Vineyard Meg	1/29/21	
	Virginia Beach AMC	1/29/21	
	Waukee FRD	1/29/21	
	West Chester AMC	1/29/21	
	West Valley City Meg	1/29/21	
ACGOTS	Corpus Christi Lex	7/23/20	
	Pensacola NAM	9/29/20	
AfricAdv	Katowice CC	10/1/20	9/30/21
	Krakow CC	10/1/20	9/30/21
	Lodz CC	10/1/20	9/30/21
	Poznan CC	10/1/20	9/30/21
	Warsaw CC	10/1/20	9/30/21
	Wroclaw CC	10/1/20	9/30/21
AGWN	Atlanta FMNH	11/20	
	Beijing 3D CSTM	1/21	
	Shanghai STM Dome	1/21	3/21
Alps	Norwalk MA	1/7/21	1/10/21
AmazAdve	Chantilly		12/31/21
	Chicago MSI		9/30/21
	Fort Lauderdale	1/12/21	6/30/21
	Valencia Spn	10/20	
AMJ	Baton Rouge LASM	6/19/20	
	Moscow Kin		
	Shanghai STM 3D	7/21/20	
	Shanghai STM Dome	7/21/20	
AMMM	Orlando SC	6/15/20	1/31/21
AncCaves	Fort Lauderdale		
	Galveston	5/23/20	
Angkor	Taichung NMNS	10/1/20	6/30/21
AntarcSK	Birmingham AL	12/18/20	
	Hague	10/8/20	
	London SM	12/9/20	6/30/22
AsterHunt	Fort Lauderdale	12/5/20	1/21/21
	KSC 1	10/20	
	Regina	10/20	
	Saint Augustine	10/8/20	1/24/21
	Saint Louis SC	10/23/20	1/26/21
BackWild	Beijing Dome CSTM	1/21	
	Boston NEA	8/1/20	6/30/21
	Cincinnati MC	11/20	4/30/21
	Fort Lauderdale	1/12/21	6/30/21
	Hampton VASSC	12/18/20	12/31/21
	Norwalk MA	1/14/21	1/18/21
	Saint Augustine	1/10/21	6/30/21
	Saint Louis SC	6/18/20	1/26/21
	Shanghai STM 3D		6/21
BeauPlan	Norwalk MA	1/7/21	1/10/21
BFTB	Fort Lauderdale	1/12/21	1/21/21
	Toronto OP	9/28/20	2/14/21
BTBW	Beijing 3D CSTM	1/21	
	Norwalk MA	1/14/21	1/18/21
	Saint Augustine	11/20	1/24/21
CRA	Norwalk MA	12/17/20	1/3/21
CV	Alexandria BA		
D-Day	Dayton	7/26/20	
DinoAliv	Houston MNS	9/4/20	
	Toyohashi	9/19/20	1/29/21
DOA	Fort Lauderdale	12/5/20	1/21/21
	Kaohsiung NSTM	10/31/20	6/30/21
	Lubbock SS	7/23/20	
	Memphis Pink	1/21	
	Phoenix ASC	10/1/20	12/31/21
	Taichung NMNS	1/1/21	12/31/21
	Toyohashi	9/19/20	1/29/21
Dolphins	Mumbai NSC	11/10/20	
DPTP	Killeen	1/21	
DreamBig	Charleston CCAS	11/20	
	Fort Lauderdale	1/12/21	
	Grand Rapids Cel		
	Lansing Cel		
	Moscow Kin	10/21/20	
	Port of Spain		
	Portage Cel		
	Richmond SMV		
	Saint Augustine	11/20	
	Saint Louis SC		
	Valencia Spn	10/20	
DS3D	Fort Lauderdale	1/12/21	1/21/21
Everest	Kapurthala	7/21/20	
ExtrWeat	Calgary TS	7/11/20	
	Saint Augustine	1/16/21	1/24/21
FightPil	Dayton	7/26/20	
FlyMons	Killeen	1/21	
FOTB	Hastings	10/1/20	6/30/21
	Saint Augustine	1/10/21	6/30/21
G3DNW	Katowice CC	10/1/20	9/30/21
	Krakow CC	10/1/20	9/30/21
	Lodz CC	10/1/20	9/30/21
	Poznan CC	10/1/20	9/30/21
	Warsaw CC	10/1/20	9/30/21
	Wroclaw CC	10/1/20	9/30/21
GBR3D	Alexandria BA	9/28/20	
	Chattanooga TA	7/17/20	
	Fort Lauderdale	1/12/21	
	Houston MNS	9/4/20	
	Memphis Pink	10/20	
	Norwalk MA	12/17/20	1/3/21
	Port of Spain		
GBRF	Beijing 3D CSTM		
	Chicago MSI	8/1/20	
	Cleveland	7/1/20	
	Fort Lauderdale	1/12/21	
	Melbourne MV	1/21	
	Saint Augustine	11/20	
	Saint Louis SC	6/18/20	
	Wichita EP	7/1/20	
GCA	Grand Rapids Cel		
	Lansing Cel		
	Norwalk MA	1/7/21	1/10/21
	Portage Cel		
	Richmond SMV		
Greece	Lucknow		
GWS	Galveston	11/20	
	Norwalk MA	1/14/21	1/18/21
HCBTD	San Simeon DCI	7/21/20	
HiddPac	Atlanta FMNH	11/20	
	Mobile	6/2/20	1/30/21
	Toledo IS	11/20/20	
HidUniv	Grand Rapids Cel		
	Lansing Cel		
	Port of Spain		
	Portage Cel		
Hubble3D	Saint Augustine	11/20	1/24/21
HumpbWha	Grand Rapids Cel		
	Lansing Cel		
	Portage Cel		
	Richmond SMV		
IAW	Austin TSHM	9/9/20	3/31/21
	Birmingham AL	12/18/20	
	Chattanooga TA		

Film	Theater	Open	Close
	Fort Lauderdale		
	Hampton VASSC	12/18/20	
	Houston MNS	**9/4/20**	
	Lubbock SS	11/1/20	
	Montreal BS Cpx		
	Moscow Kin		
	Regina	**7/23/20**	
IncrPred	**Mobile**	**6/2/20**	**1/30/21**
IOLM	**Fort Lauderdale**	**1/12/21**	**1/21/21**
ISR	**Baton Rouge LASM**	**10/20**	
Jerusale	**Saint Augustine**	**1/22/21**	**1/24/21**
JMCSO	Norwalk MA	12/17/20	1/3/21
JTM	**Al Khobar**	**8/11/20**	
JTS	**Al Khobar**	**8/11/20**	
	KSC 1	**7/20**	
	Orlando SC	**11/20**	**1/31/21**
	Toledo IS	11/20/20	
	Valencia Spn	**10/20**	
JTTSP	**Beijing 3D CSTM**		
	Edmonton TWS	**10/20**	**3/21**
	Shanghai STM 3D		
	Suzhou SCAC		
L&C	Norwalk MA	1/7/21	1/10/21
	Saint Augustine	**1/8/21**	**1/24/21**
LivingSe	Norwalk MA	12/17/20	1/3/21
	Norwalk MA	**1/14/21**	**1/18/21**
MA	Lehi	7/23/20	4/9/21
MAOOB	Edmonton TWS	10/22/20	
	Hutchinson	11/20	
MJTTM	**Melbourne MV**	**12/10/20**	**1/20/21**
	Saint Louis SC	**11/1/20**	**1/14/21**
MOF	**Pensacola NAM**	**9/29/20**	
MOTN	**Alexandria BA**		
MounQues	Hutchinson	11/20	
Niagara	Niagara Can DCI	7/23/20	
NPA	**Cleveland**	**10/1/20**	
	Dongguan STM	**7/20/20**	
	Fort Lauderdale		
	Grand Rapids Cel		
	Lansing Cel		
	Moscow Kin	**10/24/20**	
	Norwalk MA	1/7/21	1/10/21
	Orlando SC		
	Portage Cel		
	Raleigh	**10/16/20**	
	Richmond SMV	**1/21**	
	Rochester MSC	**6/27/20**	
Ocean3D	**Kaohsiung NSTM**	**10/31/20**	**6/30/21**
	Mexicali	**1/21**	
OOBP	**Al Khobar**	**8/11/20**	
	Beijing 3D CSTM	**9/22/20**	
	Chongqing STM	**1/21**	
	Norwalk MA	12/17/20	1/3/21
	Raleigh	**10/16/20**	
	Shanghai STM Dome	**1/21**	**3/21**
Ozarks	**Branson**	**7/1/20**	
Pandas	Calgary TS	7/11/20	
	Fort Lauderdale	**1/12/21**	**1/21/21**
	Raleigh	**10/16/20**	
PlanPowe	Tokorozawa	10/20	
	Valencia Spn	**10/20**	
SeaLion	Melbourne MV	1/4/21	
	Omaha Zoo	**11/20**	
	Orlando SC	**11/20**	**1/31/21**
SeaMonst	**Lehi**	**7/23/20**	
SFLIS	**Shenyang LSTM**	**1/21**	**3/21**
SOE	**Taipei AM**	**7/6/20**	
SOTU	Hutchinson	11/20	
	Valencia Spn	**10/20**	
SpaceSta	**Fort Lauderdale**	**1/12/21**	**1/21/21**
SpacJunk	**Dayton**	**7/26/20**	
SupDogs	Branson	11/20	
	Calgary TS	7/11/20	
	Charleston CCAS	11/20	
	Chattanooga TA	**7/17/20**	
	Chicago MSI	8/1/20	
	Cincinnati MC	**7/17/20**	
	Houston MNS	**9/4/20**	
	Kofu	11/7/20	3/14/21
	Louisville KSC		**2/7/21**
	Raleigh	**10/16/20**	
	Richmond SMV	**1/21**	
	Saint Augustine	**6/26/20**	**1/24/21**
	Singapore SC	10/20	
SVTS	**Shreveport**	**12/20**	**1/21**
TinyGian	**Mexicali**	**10/1/20**	
Titani40	Norwalk MA	1/7/21	1/10/21
TOTIA	**Lehi**	**7/23/20**	
	Shanghai STM 3D	**1/21**	
	Shanghai STM Dome	**1/21**	**3/21**
TTA	**Grand Rapids Cel**		
	Lansing Cel		
	Portage Cel		
	Shreveport	**1/21**	
TTS	Houston SCH	11/20	
TurtOdys	**Austin TSHM**	**9/9/20**	**5/31/21**
	Chattanooga TA	**7/17/20**	
	Keelung NMMST	**7/1/20**	
	Louisville KSC	**7/25/20**	**2/7/21**
	Omaha Zoo	**6/29/20**	
	Shenyang LSTM	**1/21**	**3/21**
	Tokyo TSC	10/20	
UnderSea	**Fort Lauderdale**	**1/12/21**	**1/21/21**
	Saint Augustine	**10/6/20**	**1/21**
	Shanghai STM 3D	**7/21/20**	
	Shanghai STM Dome	**1/21**	**3/21**
UWT3D	**Keelung NMMST**	**7/1/20**	
Volcanoes	**Cincinnati MC**	**7/17/20**	
	Copenhagen TBP	10/31/20	
	Orlando SC	**6/15/20**	**2/21/21**
	Richmond SMV	**12/21/20**	**5/31/21**
	Saint Augustine	**6/26/20**	**2/16/21**
	Shanghai STM Dome	**10/20**	**3/21**
VOT	**Fort Lauderdale**	**1/12/21**	**1/21/21**
WildAfri	**Charleston CCAS**	**7/23/20**	
	Richmond SMV	**1/21**	
WOTA	**Mobile**	**11/4/20**	**1/30/21**
WTP	**Saint Augustine**	**11/20**	**1/24/21**
WWDPP3D	**Melbourne MV**	**1/21**	
	Mexicali	**10/20**	
	Valencia Spn	**10/20**	
Yell	Yellowstone	12/20	

January 2021 by Theater

Theater	Film	Open	Close
Al Khobar	**JTM**	**8/11/20**	
	JTS	**8/11/20**	
	OOBP	**8/11/20**	
Alexandria BA	**CV**		
	GBR3D	**9/28/20**	
	MOTN		
Altamonte AMC	**A11**	**1/29/21**	
	A11Q	**1/29/21**	
Atlanta FMNH	**AGWN**	**11/20**	
	HiddPac	**11/20**	
Austin TSHM	**IAW**	**9/9/20**	**3/31/21**
	TurtOdys	**9/9/20**	**5/31/21**
Baton Rouge LASM	**A11FSE**	**6/19/20**	
	AMJ	**6/19/20**	
	ISR	**10/20**	
Beijing 3D CSTM	**AGWN**	**1/21**	
	BTBW	**1/21**	
	GBRF		
	JTTSP		
	OOBP	**9/22/20**	
Beijing Dome CSTM	**BackWild**	**1/21**	
Billings AMC	**A11**	**1/29/21**	
	A11Q	**1/29/21**	
Birmingham AL	AntarcSK	12/18/20	
	IAW	12/18/20	
Boston NEA	**BackWild**	**8/1/20**	**6/30/21**
Branson	**Ozarks**	**7/1/20**	
	SupDogs	11/20	
Calgary TS	ExtrWeat	7/11/20	
	Pandas	7/11/20	
	SupDogs	7/11/20	
Centerville Meg	**A11**	**1/29/21**	
	A11Q	**1/29/21**	
Chantilly	**AmazAdve**		**12/31/21**
Charleston CCAS	DreamBig	11/20	
	SupDogs	11/20	
	WildAfri	**7/23/20**	
Chattanooga AMC	**A11**	**1/29/21**	
	A11Q	**1/29/21**	
Chattanooga TA	**GBR3D**	**7/17/20**	
	IAW		
	SupDogs	**7/17/20**	
	TurtOdys	**7/17/20**	
Chicago MSI	**AmazAdve**		**9/30/21**
	GBRF	8/1/20	
	SupDogs	8/1/20	
Chongqing STM	**OOBP**	**1/21**	
Cincinnati MC	**BackWild**	**11/20**	**4/30/21**
	SupDogs	**7/17/20**	
	Volcanoes	**7/17/20**	
Cleveland	**GBRF**	**7/1/20**	
	NPA	**10/1/20**	
Columbus ETC AMC	**A11**	**1/29/21**	
	A11Q	**1/29/21**	
Copenhagen TBP	A11FSE	10/31/20	
	Volcanoes	10/31/20	
Corpus Christi Lex	**ACGOTS**	**7/23/20**	
Council Bluffs AMC	**A11**	**1/29/21**	
	A11Q	**1/29/21**	
Cumming AMC	**A11**	**1/29/21**	
	A11Q	**1/29/21**	
Dayton	**D-Day**	**7/26/20**	
	FightPil	**7/26/20**	
	SpacJunk	**7/26/20**	
Destin AMC	**A11**	**1/29/21**	
	A11Q	**1/29/21**	
Dongguan STM	**NPA**	**7/20/20**	
Edmonton TWS	**JTTSP**	**10/20**	**3/21**
	MAOOB	10/22/20	
Fayetteville Mal	**A11**	**1/29/21**	
	A11Q	**1/29/21**	
Fort Lauderdale	**AmazAdve**	**1/12/21**	**6/30/21**
	AncCaves		
	AsterHunt	**12/5/20**	**1/21/21**
	BackWild	**1/12/21**	**6/30/21**
	BFTB	**1/12/21**	**1/21/21**
	DOA	**12/5/20**	**1/21/21**
	DreamBig	**1/12/21**	
	DS3D	**1/12/21**	**1/21/21**
	GBR3D	**1/12/21**	
	GBRF	**1/12/21**	
	IAW		
	IOLM	**1/12/21**	**1/21/21**
	NPA		
	Pandas	**1/12/21**	**1/21/21**
	SpaceSta	**1/12/21**	**1/21/21**
	UnderSea	**1/12/21**	**1/21/21**
	VOT	**1/12/21**	**1/21/21**
Franklin AMC	**A11**	**1/29/21**	
	A11Q	**1/29/21**	
Frisco AMC	**A11**	**1/29/21**	
	A11Q	**1/29/21**	
Galveston	**AncCaves**	**5/23/20**	
	GWS	**11/20**	
Garland AMC	**A11**	**1/29/21**	
	A11Q	**1/29/21**	
Grand Blanc NCG	**A11**	**1/29/21**	
	A11Q	**1/29/21**	
Grand Rapids Cel	**A11**	**1/29/21**	
	A11Q	**1/29/21**	
	DreamBig		
	GCA		
	HidUniv		
	HumpbWha		
	NPA		
	TTA		
Hague	AntarcSK	10/8/20	
Hampton VASSC	**BackWild**	**12/18/20**	**12/31/21**
	IAW	12/18/20	
Hastings	FOTB	10/1/20	6/30/21
Highlands Ranch AMC	**A11**	**1/29/21**	
	A11Q	**1/29/21**	
Houston AMC	**A11**	**1/29/21**	
	A11Q	**1/29/21**	

Theater	Film	Open	Close
Houston MNS	DinoAliv	9/4/20	
	GBR3D	9/4/20	
	IAW	9/4/20	
	SupDogs	9/4/20	
Houston SCH	TTS	11/20	
Hutchinson	MAOOB	11/20	
	MounQues	11/20	
	SOTU	11/20	
Independence AMC	A11	1/29/21	
	A11Q	1/29/21	
Indianapolis 17 AMC	A11	1/29/21	
	A11Q	1/29/21	
Indianapolis AMC	A11	1/29/21	
	A11Q	1/29/21	
Kansas City AMC	A11	1/29/21	
	A11Q	1/29/21	
Kaohsiung NSTM	DOA	10/31/20	6/30/21
	Ocean3D	10/31/20	6/30/21
Kapurthala	Everest	7/21/20	
Katowice CC	AfricAdv	10/1/20	9/30/21
	G3DNW	10/1/20	9/30/21
Keelung NMMST	TurtOdys	7/1/20	
	UWT3D	7/1/20	
Killeen	DPTP	1/21	
	FlyMons	1/21	
Kofu	SupDogs	11/7/20	3/14/21
Krakow CC	AfricAdv	10/1/20	9/30/21
	G3DNW	10/1/20	9/30/21
KSC 1	AsterHunt	10/20	
	JTS	7/20	
Lansing Cel	A11	1/29/21	
	A11Q	1/29/21	
	DreamBig		
	GCA		
	HidUniv		
	HumpbWha		
	NPA		
	TTA		
Las Vegas TS AMC	A11	1/29/21	
	A11Q	1/29/21	
Lehi	MA	7/23/20	4/9/21
	SeaMonst	7/23/20	
	TOTIA	7/23/20	
Lodz CC	AfricAdv	10/1/20	9/30/21
	G3DNW	10/1/20	9/30/21
London SM	AntarcSK	12/9/20	6/30/22
Louisville KSC	SupDogs		2/7/21
	TurtOdys	7/25/20	2/7/21
Lubbock Pre	A11	1/29/21	
	A11Q	1/29/21	
Lubbock SS	DOA	7/23/20	
	IAW	11/1/20	
Lucknow	Greece		
Manhattan AMC	A11	1/29/21	
	A11Q	1/29/21	
Melbourne MV	GBRF	1/21	
	MJTTM	12/10/20	1/20/21
	SeaLion	1/4/21	
	WWDPP3D	1/21	
Memphis Mal	A11	1/29/21	
	A11Q	1/29/21	
Memphis Pink	DOA	1/21	
	GBR3D	10/20	
Mesa AMC	A11	1/29/21	
	A11Q	1/29/21	
Mexicali	Ocean3D	1/21	
	TinyGian	10/1/20	
	WWDPP3D	10/20	
Mobile	HiddPac	6/2/20	1/30/21
	IncrPred	6/2/20	1/30/21
	WOTA	11/4/20	1/30/21
Montreal BS Cpx	IAW		
Moscow Kin	AMJ		
	DreamBig	10/21/20	
	IAW		
	NPA	10/24/20	
Mumbai NSC	Dolphins	11/10/20	
Niagara Can DCI	Niagara	7/23/20	
Northfield TST	A11	1/29/21	
	A11Q	1/29/21	
Norwalk MA	Alps	1/7/21	1/10/21
	BackWild	1/14/21	1/18/21
	BeauPlan	1/7/21	1/10/21
	BTBW	1/14/21	1/18/21
	CRA	12/17/20	1/3/21
	GBR3D	12/17/20	1/3/21
	GCA	1/7/21	1/10/21
	GWS	1/14/21	1/18/21
	JMCSO	12/17/20	1/3/21
	L&C	1/7/21	1/10/21
	LivingSe	12/17/20	1/3/21
	LivingSe	1/14/21	1/18/21
	NPA	1/7/21	1/10/21
	OOBP	12/17/20	1/3/21
	Titani40	1/7/21	1/10/21
Oak Brook AMC	A11	1/29/21	
	A11Q	1/29/21	
Oklahoma City AMC	A11	1/29/21	
	A11Q	1/29/21	
Olathe AMC	A11	1/29/21	
	A11Q	1/29/21	
Oldsmar AMC	A11	1/29/21	
	A11Q	1/29/21	
Omaha Zoo	SeaLion	11/20	
	TurtOdys	6/29/20	
Orange Park AMC	A11	1/29/21	
	A11Q	1/29/21	
Orlando SC	A11FSE	6/15/20	1/31/21
	AMMM	6/15/20	1/31/21
	JTS	11/20	1/31/21
	NPA		
	SeaLion	11/20	1/31/21
	Volcanoes	6/15/20	2/21/21
Pensacola NAM	A11FSE	9/29/20	
	ACGOTS	9/29/20	
	MOF	9/29/20	
Phoenix ASC	DOA	10/1/20	12/31/21
Phoenix DR AMC	A11	1/29/21	
	A11Q	1/29/21	
Phoenix DV AMC	A11	1/29/21	
	A11Q	1/29/21	
Port of Spain	DreamBig		
	GBR3D		
	HidUniv		
Portage Cel	A11	1/29/21	
	A11Q	1/29/21	
	DreamBig		
	GCA		
	HidUniv		
	HumpbWha		
	NPA		
	TTA		
Poznan CC	AfricAdv	10/1/20	9/30/21
	G3DNW	10/1/20	9/30/21
Raleigh	NPA	10/16/20	
	OOBP	10/16/20	
	Pandas	10/16/20	
	SupDogs	10/16/20	
Regina	AsterHunt	10/20	
	IAW	7/23/20	
Richmond SMV	DreamBig		
	GCA		
	HumpbWha		
	NPA	1/21	
	SupDogs	1/21	
	Volcanoes	12/21/20	5/31/21
	WildAfri	1/21	
Rochester MSC	NPA	6/27/20	
Roseville AMC	A11	1/29/21	
	A11Q	1/29/21	
Saint Augustine	A11	1/29/21	
	A11Q	1/29/21	
	AsterHunt	10/8/20	1/24/21
	BackWild	1/10/21	6/30/21
	BTBW	11/20	1/24/21
	DreamBig	11/20	
	ExtrWeat	1/16/21	1/24/21
	FOTB	1/10/21	6/30/21
	GBRF	11/20	
	Hubble3D	11/20	1/24/21
	Jerusale	1/22/21	1/24/21
	L&C	1/8/21	1/24/21
	SupDogs	6/26/20	1/24/21
	UnderSea	10/6/20	1/21
	Volcanoes	6/26/20	2/16/21
	WTP	11/20	1/24/21
Saint Louis Mar	A11	1/29/21	
	A11Q	1/29/21	
Saint Louis SC	A11FSE	6/18/20	
	AsterHunt	10/23/20	1/26/21
	BackWild	6/18/20	1/26/21
	DreamBig		
	GBRF	6/18/20	
	MJTTM	11/1/20	1/14/21
San Antonio San	A11	1/29/21	
	A11Q	1/29/21	
San Simeon DCI	HCBTD	7/21/20	
Schererville AMC	A11	1/29/21	
	A11Q	1/29/21	
Shanghai STM 3D	AMJ	7/21/20	
	BackWild		6/21
	JTTSP		
	TOTIA	1/21	
	UnderSea	7/21/20	
Shanghai STM Dome	AGWN	1/21	3/21
	AMJ	7/21/20	
	OOBP	1/21	3/21
	TOTIA	1/21	3/21
	UnderSea	1/21	3/21
	Volcanoes	10/20	3/21
Shenyang LSTM	SFLIS	1/21	3/21
	TurtOdys	1/21	3/21
Shreveport	SVTS	12/20	1/21
	TTA	1/21	
Singapore SC	SupDogs	10/20	
South Barrington AMC	A11	1/29/21	
	A11Q	1/29/21	
South Jordan Meg	A11	1/29/21	
	A11Q	1/29/21	
Sparks Gal	A11	1/29/21	
	A11Q	1/29/21	
Springfield MO AMC	A11	1/29/21	
	A11Q	1/29/21	
Sugar Land AMC	A11	1/29/21	
	A11Q	1/29/21	
Surprise AMC	A11	1/29/21	
	A11Q	1/29/21	
Suzhou SCAC	JTTSP		
Taichung NMNS	Angkor	10/1/20	6/30/21
	DOA	1/1/21	12/31/21
Taipei AM	SOE	7/6/20	
Tallahassee AMC	A11	1/29/21	
	A11Q	1/29/21	
Tampa AMC	A11	1/29/21	
	A11Q	1/29/21	
Tokorozawa	PlanPowe	10/20	
Tokyo TSC	TurtOdys	10/20	
Toledo IS	HiddPac	11/20/20	
	JTS	11/20/20	
Toronto OP	BFTB	9/28/20	2/14/21
Toyohashi	DinoAliv	9/19/20	1/29/21
	DOA	9/19/20	1/29/21
Tucson AMC	A11	1/29/21	
	A11Q	1/29/21	
Tulsa AMC	A11	1/29/21	
	A11Q	1/29/21	
Valencia Spn	AmazAdve	10/20	
	DreamBig	10/20	
	JTS	10/20	
	PlanPowe	10/20	
	SOTU	10/20	
	WWDPP3D	10/20	
Vineyard Meg	A11	1/29/21	
	A11Q	1/29/21	
Virginia Beach AMC	A11	1/29/21	
	A11Q	1/29/21	
Warsaw CC	AfricAdv	10/1/20	9/30/21
	G3DNW	10/1/20	9/30/21
Waukee FRD	A11	1/29/21	
	A11Q	1/29/21	
West Chester AMC	A11	1/29/21	
	A11Q	1/29/21	
West Valley City Meg	A11	1/29/21	
	A11Q	1/29/21	
Wichita EP	GBRF	7/1/20	
Wroclaw CC	AfricAdv	10/1/20	9/30/21
	G3DNW	10/1/20	9/30/21
Yellowstone	Yell	12/20	

Key to Film Abbreviations

Film	Title	Year		Dist
10Clover	10 Cloverfield Lane	2016	2D	PPC
12Strong	12 Strong	2018	2D	WB
1917	1917	2020	2D	UP
300ROAE	300: Rise of an Empire	2014	3D	WB
A11	Apollo 11	2019	2D	IMAX
A11FSE	Apollo 11: First Steps Edition	2019	2D	MFF
AAOU	Avengers: Age of Ultron, The	2015	3D	WDPD
ACGOTS	Aircraft Carrier: Guardian of the Seas	2016	3D	K2
ACH	Annabelle Comes Home	2019	2D	WB
AfterEar	After Earth	2013	2D	SPE
AGWN	Australia's Great Wild North	2018	2D	K2
AirRacer	Air Racers 3D: Forces of Flight	2012	3D	K2
Aladdin	Aladdin	2019	2D	WDPD
AlienCov	Alien: Covenant	2017	2D	FOX
Alita	Alita: Battle Angel	2019	2D	FOX
AMATW	Ant Man and the Wasp	2018	3D	WDPD
AmazAdve	Amazon Adventure	2017	3D	SKF
AMJ	America's Musical Journey	2018	3D	MFF
AMMM	Amazing Mighty Micro Monsters 3D	2016	3D	nWP
AmSniper	American Sniper	2015	2D	WB
AncCaves	Ancient Caves	2020	3D	MFF
Angkor	Angkor: Lost Empire of Cambodia	2020	3D	K2
AntarcSK	Antarctica	2020	2D	SKF
AntMan	Ant-Man	2015	3D	WDPD
AOTE	Antarctica 3D: On the Edge	2014	3D	GSF
APE	Antarctica's Penguin Emperors 3D	2014	3D	K2
Aquaman	Aquaman	2018	3D	WB
Arctic	Arctic:Our Last Great Wilderness, The	2021	3D	CPD
ASM	Amazing Spider-Man, The	2012	3D	SPE
ASM2	Amazing Spider-Man 2, The	2014	3D	SPE
AsterHunt	Asteroid Hunters	2020	3D	IMAX
AsterME	Asteroid: Mission Extreme	2016	3D	CPD
ATTLG	Alice Through the Looking Glass	2016	3D	WDPD
Avengers	Marvel's The Avengers	2012	3D	WDPD
Avengers4	Avengers: Endgame	2019	2D	WDPD
AvengIW	Avengers: Infinity War	2018	3D	WDPD
BackWild	Backyard Wilderness	2018	3D	SKF
BATB17	Beauty and the Beast	2017	3D	WDPD
BatvSup	Batman v. Superman: Dawn of Justice	2016	3D	WB
BBFL	Bad Boys for Life	2020	2D	SPE
BeauPlan	Beautiful Planet, A	2016	3D	IMAX
BeaversDC	Beavers: The Director's Cut	2019	2D	SLC
BenHur	Ben-Hur	2016	3D	PPC
BFTB	Back From the Brink	2019	3D	CPD
BirdsPrey	Birds of Prey	2020	2D	WB
BlackPan	Black Panther	2018	2D	WDPD
BladeRun	Blade Runner 2049	2017	2D	WB
Bloodshot	Bloodshot	2020	2D	SPE
BTBW	Born to Be Wild	2011	3D	IMAX
CACW	Captain America: Civil War	2016	3D	WDPD
CaptMarv	Captain Marvel	2019	2D	WDPD
CaptPhil	Captain Phillips	2013	2D	SPE
Cars2	Cars 2	2011	3D	WDPD
CATWS	Captain America: The Winter Soldier	2014	3D	WDPD
Cephalopod	Cephalopods: Aliens of the Deep	2021	3D	nWP
Chappie	Chappie	2015	3D	SPE
CharAng	Charlie's Angels	2019	2D	SPE
Cinderel	Cinderella	2015	2D	WDPD
CloudAtl	Cloud Atlas	2012	2D	WB
COLL	Curse of La Llorona, The	2019	2D	WB
Commuter	Commuter, The	2018	2D	LG
ConqOTS	Conquest of the Skies	2017	3D	nWP
Contagio	Contagion	2011	2D	WB
CrimPeak	Crimson Peak	2015	2D	UP
Croods	Croods: A New Age	2020	2D	UP
Cuba	Cuba	2019	3D	GSF
DarkKniR	Dark Knight Rises, The	2012	2D	WB
DarkMind	Darkest Minds, The	2018	2D	FOX
DarkPhoe	Dark Phoenix	2019	2D	FOX
DarkShad	Dark Shadows	2012	2D	WB
D-Day	D-Day: Normandy 1944	2021	3D	K2
Deadpool	Deadpool	2016	2D	FOX
DinoDana	Dino Dana: The Movie	2021	2D	SSE
DivergAl	Divergent Series: Allegiant, The	2016	2D	SUM
Divergen	Divergent	2014	2D	SUM
DNP	Disneynature Penguins	2019	2D	WDPD
DOA	Dinosaurs of Antarctica	2020	3D	GSF
Doolitt	Doolittle	2020	2D	UP
DPTP	Dinosaur Passage to Pangaea	2011	3D	unk
DracUnto	Dracula Untold	2014	2D	UP
Dragons	Dragons: Real Myths and Unreal Creatures	2013	3D	B&D
DreamBig	Dream Big: Engineering Our World	2017	3D	MFF
DrSleep	Doctor Sleep	2019	2D	WB
DrStrang	Doctor Strange	2016	3D	WDPD
DSC	Deepsea Challenge 3D	2015	3D	CPD
Dumbo	Dumbo	2019	2D	WDPD
Dunkirk	Dunkirk	2017	2D	WB
DUTA	Dinosaurs Under the Aurora	2012	3D	D&D
DWH	Deepwater Horizon	2016	2D	LG
EarthFli	Earthflight	2017	3D	GSF
EarthWin	Earth Wins, The	2013	2D	HFL
Electrop	Electropolis	2014	3D	CPD
Elysium	Elysium	2013	2D	SPE
EnderGam	Ender's Game	2013	2D	LG
EOT	Edge of Tomorrow	2014	3D	WB
Equalizer	Equalizer, The	2014	2D	SPE
Equalizer2	Equalizer 2, The	2018	2D	SPE
Everest3D	Everest	2015	3D	UP
EverestDC	Everest: The Director's Cut	2021	2D	MFF
ExpChesa	Expedition Chesapeake	2019	2D	B&D
ExtrWeat	Extreme Weather	2016	3D	CPD
F&F8	Fast & Furious Presents: Hobbs & Shaw	2019	2D	UP
F9	F9	2021	2D	UP
FastFive	Fast Five	2011	2D	UP
FBAWTFT	Fantastic Beasts and Where to Find Them	2016	3D	WB
FBTGOG	Fantastic Beasts: Crimes of Grindelwald	2018	2D	WDPD
FD5	Final Destination 5	2011	2D	WB
FindDory	Finding Dory	2016	3D	WDPD
FinesHou	Finest Hours, The	2016	3D	WDPD
FirstMan	First Man	2018	2D	UP
FlyMons	Flying Monsters 3D	2011	3D	CPD
Focus	Focus	2015	2D	WB
ForrGump	Forrest Gump	2014	2D	PPC
FOTB	Flight of the Butterflies	2012	3D	SKF
FotF	Fate of the Furious, The	2017	2D	UP
Frankenw	Frankenweenie	2012	3D	WDPD
FreeSolo	Free Solo	2019	2D	IMAX
Frozen2	Frozen 2	2019	2D	WDPD
FSF	Fifty Shades Freed	2018	2D	UP
Furious7	Furious 7	2015	2D	UP
FVF	Ford V Ferarri	2019	2D	FOX
G3DNW	Galapagos 3D: Nature's Wonderland	2014	3D	nWP
GBR3D	Great Barrier Reef	2018	3D	MFF
GBRF	Great Bear Rainforest	2019	3D	MFF
GDTDH	Good Day to Die Hard, A	2013	2D	FOX
GeminiMan	Gemini Man	2019	2D	PPC
Geostorm	Geostorm	2017	3D	WB
Ghostbus	Ghostbusters	2016	3D	COL
GIJoe	G.I. Joe: Retaliation	2013	3D	PPC
GITS	Ghost in the Shell	2017	3D	PPC
Glass	Glass	2019	2D	WDPD
GlobSoun	Global Soundscapes	2016	3D	FIC
GodsEgyp	Gods of Egypt	2016	3D	LG
Godzilla	Godzilla	2014	3D	WB
GodzillaKM	Godzilla: King of the Monsters	2019	2D	WB
GOTG	Guardians of the Galaxy	2014	3D	WDPD
GOTG2	Guardians of the Galaxy, Vol. 2	2017	3D	WDPD
Gravity	Gravity	2013	3D	WB
GreatApe	Great Apes 3D	2014	3D	nWP
GreatWal	Great Wall, The	2017	3D	UP
GreeHorn	Green Hornet, The	2011	3D	SPE
Grinch	Grinch, The	2018	2D	UP
Gruffalo	Gruffalo, The	2014	3D	MLPL
GruffChi	Gruffalo's Child	2015	3D	MLPL
GWS	Great White Shark	2013	3D	GSF
H&GWH	Hansel & Gretel: Witch Hunters	2013	3D	PPC
HappyFe2	Happy Feet Two	2011	3D	WB
Hellboy	Hellboy	2019	2D	LG
Hercules	Hercules	2014	3D	PPC
HGCF	Hunger Games: Catching Fire, The	2013	2D	LG
HGM2	Hunger Games: Mockingjay Part 2, The	2015	3D	LG
HiddPac	Hidden Pacific	2019	3D	GSF
HidUniv	Hidden Universe	2013	3D	MFF
Hobbit1	Hobbit: An Unexpected Journey, The	2012	3D	WB
Hobbit2	Hobbit: The Desolation of Smaug	2013	3D	WB
Hobbit3	Hobbit: The Battle of the Five Armies, The	2014	3D	WB
HonThief	Honest Thief	2020	2D	unk
HPDH2	Harry Potter and the Deathly Hallows 2	2011	3D	WB
HTTYD3	How to Train Your Dragon:Hidden World	2019	3D	UP
HumpbWha	Humpback Whales	2015	3D	MFF
HungGame	Hunger Games, The	2012	2D	LG
Hurrican	Hurricane	2017	3D	nWP
IANF	I Am Number Four	2011	2D	WDPD
IAW	Into America's Wild	2020	3D	MFF
IDR	Independence Day: Resurgence	2016	3D	FOX
Ifrankens	I, Frankenstein	2014	3D	LG
Incred2	Incredibles 2	2018	3D	WDPD
IncrPred	Incredible Predators	2016	3D	GSF
Inferno	Inferno	2016	2D	SPE
Inhumans	Inhumans	2017	2D	IMAX
Interste	Interstellar	2014	2D	PPC
InvisMan	Invisible Man, The	2020	3D	UP
IOLM	Island of Lemurs: Madagascar	2014	3D	IMAX
Ireland	Ireland	2021	3D	MFF
IronMan3	Iron Man 3	2013	3D	WDPD
ISR	In Saturn's Rings	2018	2D	B&D
IStillBe	I Still Believe	2020	2D	LG
ITHOTS	In the Heart of the Sea	2015	2D	WB
Jerusale	Jerusalem	2013	3D	CPD
JIK	Jesus is King	2019	3D	IMAX
JMCSO	Jean-Michel Cousteau's Secret Ocean	2015	3D	K2
JohnCart	John Carter	2012	3D	WDPD
JohnWick	John Wick	2014	2D	SUM
JohnWick3	John Wick: Chapter 3 - Parabellum	2019	2D	SUM
Joker	Joker	2019	2D	WB
Journey2	Journey 2: The Mysterious Island	2012	3D	WB
JRNGB	Jack Reacher: Never Go Back	2016	2D	PPC
JRSR	Jack Ryan: Shadow Recruit	2014	2D	PPC
JTGS	Jack the Giant Slayer	2013	3D	WB
JTNL	Jumanji: The Next Level	2019	2D	SPE
JTS	Journey to Space	2015	3D	K2
JTTSP	Journey to the South Pacific	2013	3D	MFF
JungBook	Jungle Book, The	2016	3D	WDPD
JupiAsce	Jupiter Ascending	2015	3D	WB
JuraPark	Jurassic Park 3D	2013	3D	UP
JuraWorl	Jurassic World 3D	2015	3D	UP
JustLeag	Justice League	2017	2D	WB
JWFK	Jurassic World: Fallen Kingdom	2018	3D	UP
Kenya	Kenya 3D: Animal Kingdom	2013	3D	K2
Kingsman	Kingsman: The Golden Circle	2017	2D	FOX
Kong	Kong: Skull Island	2017	3D	WB
LastReef	Last Reef, The	2012	3D	GSF
LegeTarz	Legend of Tarzan, The	2016	3D	WB
LegoBatm	Lego Batman Movie, The	2017	2D	WB
LegoMov2	Lego Movie 2: The Second Part, The	2019	2D	WB
LesMis	Les Miserables	2012	2D	UP
Life	Life in a Day	2011	2D	NGD
LionKing19	Lion King, The	2019	2D	WDPD
LITAOA	Living in the Age of Airplanes	2015	2D	CPD
Logan	Logan	2017	2D	FOX
Lorax	Dr. Seuss' The Lorax	2012	3D	UP
MA	Museum Alive 3D	2016	3D	nWP
Magnif7	Magnificent Seven, The	2016	2D	SPE
Malefice	Maleficent	2014	3D	WDPD
ManUNCLE	Man from U.N.C.L.E, The	2015	3D	WB
MAOOB	Mountain Adventure: Out of Bounds	2019	3D	K2
Mars1001	Mars 1001	2021	2D	unk
MazeRunn	Maze Runner, The	2014	2D	FOX
Meerkats	Meerkats 3D	2012	3D	CPD
MEG	Meg, The	2018	2D	WB
MI7	Mission: Impossible 7	2021	3D	PPC
MIB3	Men in Black III	2012	3D	SPE
MIBI	Men in Black International	2019	2D	SPE
MICOB	Mortal Instruments, City of Bones, The	2013	2D	SPE
MIF	Mission Impossible -- Fallout	2018	3D	PPC
MIGP	Mission: Impossible -- Ghost Protocol	2011	2D	PPC
MIRN	Mission: Impossible -- Rogue Nation	2015	3D	PPC
MMHWGA	Mamma Mia! Here We Go Again	2018	2D	UP
MMOE	Maleficent: Mistress of Evil	2019	3D	WDPD
MNM	Mars Needs Moms!	2011	3D	WDPD
MOC	Mysteries of China	2016	3D	GSF
MonstHun	Monster Hunter	2020	2D	SPC
MortEng	Mortal Engines	2018	2D	UP
MOS	Man of Steel	2013	3D	WB
MOTS	Mysteries of the Serengeti	2021	3D	K2
MOTUW	Mysteries of the Unseen World	2013	3D	CPD
MounQues	Mountain Quest	2018	2D	K2
MRDC	Maze Runner: The Death Cure	2018	2D	FOX
MTTN	Metallica Through the Never	2013	3D	IMAX
Mummy	Mummy, The	2017	3D	UP
MuseST	Muse: Simulation Theory	2020	2D	IMAX
NATM3	Night at the Museum 3: Secret of the Tomb	2014	2D	FOX
Noah	Noah	2014	2D	PPC
Nomadland	Nomadland	2021	3D	WDPD
NPA	National Parks Adventure	2016	3D	MFF
NTTD	No Time to Die	2021	2D	MGM
Nun	Nun, The	2018	2D	WB
Oblivion	Oblivion	2013	2D	UP
OceanOd	Ocean Odyssey	2021	3D	K2
Onward	Onward	2020	2D	WDPD
OOBP	Oceans: Our Blue Planet	2018	3D	GSF
OTGAP	Oz the Great and Powerful	2013	3D	WDPD
PA4	Paranormal Activity 4	2012	2D	PPC
PacifRim	Pacific Rim	2013	3D	WB
Pandas	Pandas	2018	3D	IMAX
Penguins	Penguins 3D	2013	3D	nWP
PIB	Puss in Boots	2011	3D	PPC
Pixels	Pixels	2015	3D	SPE
PlanPowe	Planet Power	2018	3D	nWP
POTCDM	Pirates of the Caribbean: Dead Men...	2017	2D	WDPD
POTCOST	Pirates of the Caribbean: On Stranger ...	2011	3D	WDPD
PredatoFOX	Predator, The	2018	2D	FOX
Promethe	Prometheus	2012	3D	FOX
PRU	Pacific Rim: Uprising	2018	2D	UP
PTJH	Pandas: The Journey Home	2014	3D	CPD
Rampage	Rampage	2018	2D	WB
RealStee	Real Steel	2011	2D	WDPD
RedSpar	Red Sparrow	2018	2D	FOX
Remnants	Remnants	2014	3D	SS
RER	Resident Evil: Retribution	2012	2D	SPE
Rescue	Rescue 3D	2011	3D	K2
RETFC	Resident Evil: The Final Chapter	2017	3D	SPE
Revenant	Revenant, The	2016	2D	FOX
Riddick	Riddick	2013	2D	UP
RME	Rocky Mountain Express	2011	2D	SLC
ROA	Rock of Ages	2012	2D	WB
RoboCop	RoboCop	2014	2D	COL
RobotsNG	Robots	2015	3D	CPD
RogueOne	Rogue One: A Star Wars Story	2016	3D	WDPD
ROTB	Room on the Broom	2015	3D	MLPL
ROTLA	Raiders of the Lost Ark	2012	2D	PPC
RPO	Ready Player One	2018	3D	WB
SanAndre	San Andreas	2015	3D	WB
Sanctum	Sanctum	2011	3D	UP
SeaLion	Sea Lions: Life by a Whisker	2020	3D	K2
SevenSon	Seventh Son, The	2015	3D	WB
SFLIS	Search for Life In Space, The	2016	3D	MFF
SFS	Search for Snow, The	2021	3D	nWP
Shang-Chi	Shang-Chi and the Legend of the Ten Rings	2021	2D	WDPD
Shazam	Shazam!	2019	2D	WB
Skyfall	Skyfall	2012	2D	COL
SM21	Spider-Man (untitled)	2021	2D	WDPD
SM4	Spider-Man: Homecoming	2017	3D	SPE
SMFFH	Spider-Man: Far From Home	2019	2D	SPE
SMITSV	Spider-Man: Into the Spider-Verse	2018	2D	SPE
SOB3D	Son of Bigfoot 3D, The	2018	3D	nWP
SOE	Story of Earth, The	2018	3D	DMD
SOG	Secrets of Gravity, The	2017	3D	MLPL
SoldStor	Soldiers' Stories	2014	3D	KM
Solo	Solo: A Star Wars Story	2018	3D	WDPD
SOTU	Secrets of the Universe	2019	3D	K2
Soundgar	Soundgarden: Live from the Artists Den	2019	2D	IMAX
SpaceNex	Space Next 3D	2015	3D	B&D
SpacJunk	Space Junk	2012	3D	K2
Spectre	Spectre	2015	3D	COL
StarTrk2	Star Trek Into Darkness	2013	3D	PPC
StarTrk3	Star Trek Beyond	2016	3D	PPC
SuckPunc	Sucker Punch	2011	3D	WB
SuiSquad	Suicide Squad	2016	3D	WB
Sully	Sully	2016	2D	WB
SupDogs	Superpower Dogs	2019	3D	IMAX
Super8	Super 8	2011	2D	PPC
SW7	Star Wars: The Force Awakens	2015	3D	WDPD
SW8	Star Wars: The Last Jedi	2017	3D	WDPD
SW9	Star Wars: The Rise of Skywalker	2019	2D	WDPD
TA	Tornado Alley	2011	3D	GSF
TDOTM	Transformers: Dark of the Moon	2011	3D	PPC
Tenet	Tenet	2020	2D	WB
TermDF	Terminator: Dark Fate	2019	2D	PPC
TermGeni	Terminator Genisys	2015	3D	PPC
Thor	Thor	2011	3D	PPC
ThorRag	Thor: Ragnarok	2017	2D	WDPD
TigerTig	Tiger Tiger	2021	3D	IMAX
Tintin	Adventures of Tintin: Secret of the Unicorn	2011	3D	PPC
TinyGian	Tiny Giants 3D	2014	3D	GSF
Titanic3	Titanic 3D	2012	3D	PPC
TMNT	Teenage Mutant Ninja Turtles	2014	3D	PPC
TombRaid	Tomb Raider	2018	2D	WB
Tomorrow	Tomorrowland	2015	2D	WDPD
TopGun3D	Top Gun 3D	2013	3D	PPC
TopGunMav	Top Gun: Maverick	2021	2D	PPC
TOTIA	Titans of the Ice Age	2013	3D	GSF
ToyStor4	Toy Story 4	2019	2D	WDPD
TrainTim	Train Time	2021	2D	SLC
Trans4	Transformers: Age of Extinction	2014	3D	PPC
Transcen	Transcendence	2014	2D	WB
Trolley	Trolley, The	2018	2D	SLC
TTA	To the Arctic	2012	3D	MFF
TTLK	Transformers: The Last Knight	2017	3D	PPC
TTS	Touch the Stars	2019	3D	B&D
TurtOdys	Turtle Odyssey	2018	3D	SKF
TurtTale	Turtle's Tale: Escape from Paradise, A	2013	3D	nWP
UA	Underworld Awakening	2012	3D	SPE
VenomSony	Venom	2018	2D	SPE
Volcanoes	Volcanoes: The Fires of Creation	2018	3D	SKF
VOT	Voyage of Time	2016	2D	IMAX
Walk	Walk, The	2015	3D	SPE
Warcraft	Warcraft	2016	3D	UP
WateDivi	Water Diviner, The	2015	2D	WB
WildAfri	Wild Africa 3D	2015	3D	GSF
WildCats	Wild Cats 3D	2015	3D	nWP
WizardOz	Wizard of Oz, The	2013	3D	WB
WM	Watermelon Magic	2013	3D	B&D
WOTA	Wonders of the Arctic	2014	3D	GSF
WOTT	Wrath of the Titans	2012	3D	WB
WrinkTime	Wrinkle in Time, A	2018	2D	WDPD
WTM	We, The Marines	2017	2D	MFF
WTP	We the People	2013	2D	ISP
WW	Wonder Woman	2017	2D	WB
WW1984	Wonder Woman 1984	2020	2D	WB
WWDPP3D	Walking With Dinosaurs: Prehistoric Planet 3D	2014	3D	GSF
xXx	xXx: Return of Xander Cage	2017	3D	PPC
Zootopia	Zootopia	2016	3D	WDPD

January 2021 Bookings Count

#	Film
55	A11
55	A11Q
13	SupDogs
12	NPA
11	DreamBig
10	IAW
9	BackWild
8	GBRF
7	DOA
7	GBR3D
7	TurtOdys
6	AfricAdv
6	G3DNW
6	OOBP
6	Volcanoes
5	A11FSE
5	AsterHunt
5	GCA
5	JTS
4	AmazAdve
4	AMJ
4	HidUniv
4	HumpbWha
4	JTTSP
4	TTA
3	UnderSea
3	AGWN
3	AntarcSK
3	BTBW
3	HiddPac
3	Pandas
3	SeaLion
3	TOTIA
3	WWDPP3D
2	AccGOTS
2	AncCaves
2	BFTB
2	DinoAliv
2	ExtrWeat
2	FOTB
2	GWS
2	L&C
2	LivingSe
2	MAOOB
2	MJTTM
2	Ocean3D
2	PlanPowe
2	SOTU
1	WildAfri
1	Alps
1	AMMM
1	Angkor
1	BeauPlan
1	CRA
1	CV
1	D-Day
1	Dolphins
1	DPTP
1	DS3D
1	Everest
1	FightPil
1	FlyMons
1	Greece
1	HCBTD
1	Hubble3D
1	IncrPred
1	IOLM
1	ISR
1	Jerusale
1	JMCSO
1	JTM
1	MA
1	MOF
1	MOTN
1	MounQues
1	Niagara
1	Ozarks
1	SeaMonst
1	SFLIS
1	SOE
1	SpaceSta
1	SpacJunk
1	SVTS
1	TinyGian
1	Titani40
1	TTS
1	UWT3D
1	VOT
1	WOTA
1	WTP
1	Yell

GSCA Virtual Film Expo

The **Giant Screen Cinema Association** has announced that its 2021 Film Expo will be held virtually on April 19, 21, and 23, slightly later in the year than previous in-person expos. The online conference will include secure streaming of the full-length versions of new GS films; presentations by producers and distributors on their new films, with behind-the-scenes videos, marketing plans, and more; an interactive panel discussion on changing the GS business model; an innovation session on new technology; and networking opportunities.

The Film Expo will use a new online platform that is expected to provide a simpler interface and smoother streaming of film content than the one used for the GSCA's fall virtual conference.

Registration for the Film Expo will open soon, and the deadline for film submissions is Feb. 26. For more information, visit giantscreencinema.com.

AMC avoids bankruptcy again

AMC Entertainment, the largest theater chain in the world, has narrowly avoided entering bankruptcy for the fifth time in 12 months. CEO **Adam Aron** had said in December that the company needed to raise $750 million to continue operating, but by early January it had only secured $204 million. On Jan. 18 AMC revealed in a security filing that it had raised another $713 million, for a total of $917 million. With a monthly cash burn in 2020's Q3 of $124 million, the company believes it can keep running until July if the economy does not start to improve, and through the end of the year if it does.

AMC owns more than 600 multiplexes in the U.S., of which 438 are currently open. Of its 360 international locations, only 86 are open. The company operates 188 IMAX screens in the U.S. and 35 overseas.

New short: *Apollo 11: Quarantine*

Todd Douglas Miller, director of *Apollo 11* (2019), has created a new 23-minute short, *Apollo 11: Quarantine*, that tells the story of the three-week quarantine the three Apollo 11 astronauts underwent to prevent contamination from possibly unknown germs on the moon. As with the 2019 feature-length film, the short includes never-before-seen footage, some shot in 70mm. The short premiered in 55 North American IMAX theaters on Jan. 29, accompanying the 93-minute feature. Both films are distributed by Neon, which is seeking an Academy Award nomination for the short. (The feature won three primetime Emmys.)

The Apollo 11 crew was greeted by President Nixon.

Miller is quoted in a press release as saying that he is "very excited for audiences to experience a little-known part of history — an enduring message of hope during these unprecedented times." The short film will be released to video on demand on Feb. 5. The feature is already available on streaming platforms and home video.

Beijing fest invites GS films

The **11th Beijing International Film Festival**, to be held in April 2021, is inviting filmmakers to submit giant-screen films for consideration in the Science and Technology section, which will be held at the China Science and Technology Museum. The festival is open to GS and full-dome films between 20 and 50 minutes in length that "popularize scientific and technological knowledge, spread scientific thought, and advocate the scientific spirit." Submitted films will be screened in the museum's IMAX and IMAX Dome theaters in April and May.

The deadline for submitting entries is March 14. There is no fee to enter, and the festival will bear the costs of transportation, customs clearance, insurance, and other expenses for selected films. For more information, e-mail Ms. Wu Dan, cstmsfp@163.com.

Nomadland opens in IMAX

In an unusual bid to snag Academy Award nominations, *Nomadland*, an intimate drama starring **Frances McDormand** and directed by **Chloe Zhao**, will have an exclusive run in a limited number of U.S. IMAX theaters in January and February. The film, about a woman who embarks on a journey after losing everything in the Great Recession, is being released by Disney's **Searchlight Pictures** division (formerly Fox Searchlight), which has won three Best Picture Oscars over the past seven years.

The pandemic has forced the Academy of Motion Picture Arts and Sciences to change the awards' eligibility rules, which previously had required films to have a certain number of theatrical screenings in New York or Los Angeles. In October, the rules were modified to permit screenings in four other metro areas (San Francisco, Chicago, Miami, and Atlanta), or by streaming if the films are "intended for theatrical release, but are initially made available through commercial streaming." The expanded eligibility period includes films released between Jan. 1, 2020, and Feb. 28, 2021. The awards ceremony will be held on April 25, two months later than usual.

Nomadland opened in between eight and ten IMAX theaters on Jan. 29, including two in the New York area, and will expand to other IMAX screens after that. On Feb. 19 it will open in conventional theaters and on Disney's Hulu streaming platform.

While the plan shortens the theatrical window, it indicates that Disney is evaluating its releases on a case-by-case basis, unlike Warner Bros., which announced in December that it would release all of its 2021 films to streaming simultaneously with their theatrical openings.

NASA